

United States Senate

WASHINGTON, DC 20510

March 25, 2010

The Honorable Daniel K. Inouye
Chairman
Senate Committee on Appropriations
United States Capitol, Room S-128
Washington, DC 20510

The Honorable Thad Cochran
Vice Chairman
Senate Committee on Appropriations
United States Capitol, Room S-146A
Washington, DC 20510

The Honorable Byron L. Dorgan
Chairman
Senate Committee on Appropriations
Subcommittee on Energy and Water
Development
186 Dirksen Senate Office Building
Washington, DC 20510

The Honorable Robert Bennett
Ranking Member
Senate Committee on Appropriations
Subcommittee on Energy and Water
Development
184 Dirksen Senate Office Building
Washington, DC 20510

Dear Chairmen, Vice Chairman and Ranking Member:

As the Committee begins its consideration of the FY11 Energy and Water Development and Related Agencies Appropriations Act, we are writing to request support for the attached projects. **These projects are listed in no particular order.**

Additionally, we support the following national programs funded by the Energy and Water Development and Related Agencies Appropriations bill which provide vital support to Oregon's communities. These programs include the Energy Efficiency and Conservation Block Grant Program, Sun Grant program, Energy Sustainability and Efficiency Grants (Section 471), and the Renewable Energy Research and Development program.

Consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate, we certify that neither ourselves nor any member of our immediate family has a pecuniary interest in any of the congressionally directed spending items that we have requested in the fiscal year 2010 Interior, Environment, and Related Agencies Appropriations bill and report.

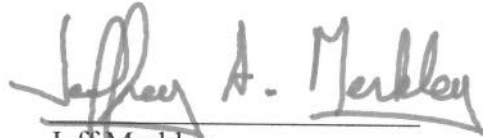
We further certify that we have posted a description of the items requested on our official websites, along with the accompanying justifications.

Thank you for your consideration of these worthy projects. We appreciate your strong and continued leadership and look forward to working with you this year on funding vital to our nation. If you have any questions, please contact Mr. Isaiah Akin in Senator Wyden's office at 224-5244 or Ms. Courtney Thompson in Senator Merkley's office at 224-3753.

Sincerely,



Ron Wyden
United States Senator



Jeff Merkley
United States Senator

FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Hood River County Biomass Conversion Project

Project Recipient Name: Hood River County

Phone Number: 541-387-6863

Address: 601 State Street, Hood River, Oregon, 97031

Project Location (if different from above): same

Project Purpose: The funds will be used to design and construct a distributed biomass boiler system serving the county courthouse and the city administration building. The project will be done in conjunction with an urban renewal project directed by the City of Hood River reconstructing State Street and city infrastructure. Funding would be used to purchase the new boiler and install systems to connect the two public buildings to the new biomass boiler.

Project Benefit to the Taxpayer: The project will increase energy efficiencies and lower long-term operating costs for the County and City, enabling both entities to invest more resources in social services, thus reducing demands on those services from the federal government. The County also owns and manages considerable forest resources and will work to the degree possible, to capture forest waste from County forest operations to fuel the boiler.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: N/A

FY 2011 President Budget Request Level: NA

Member's FY 2011 Funding Request: \$1,000,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

Number of Jobs Created: Approximately 24 design, manufacturing, construction, and installation/maintenance jobs will be created or sustained by this project.

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending item(s) that I have requested, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate for the following bill(s): **Energy and Water Development Appropriation**

FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Mirror Pond Restoration

Project Recipient Name: City of Bend

Phone Number: (541) 388-5505

Address: 710 NW Wall Street, Bend, Oregon 97701

Project Location (if different from above):

Project Purpose: This project will analyze alternatives for the restoration of Mirror Pond, created in 1910 by the construction of the Pacific Power and Light Company (PPL) dam, which provided the city with its initial source of electricity. One hundred years later, the dam produces an inexpensive source of electricity that continues to benefit approximately 4,000 Bend households annually. Since 1910, the flow of the Deschutes River through the “pond” has gradually carried sediment from the approximately 700,000 acre Upper Deschutes River watershed into Mirror Pond. As a result, sediment has settled behind the dam, creating shallow mudflats along the margins of the pond. In 1984, the community supported a dredging project to repair the Pond’s features, but it did not result in a long term fix to the sedimentation problem. Over the past five years, the sedimentation in Mirror Pond has again become a concern for the community because the mudflats interfere with the flow of the river, recreational uses, and have altered the aesthetics of Mirror Pond in relation to Drake Park and downtown Bend tourism and commerce. Funds will be used to conduct a funding & alternatives analysis, which will include extensive public outreach and input.

Project Benefit to the Taxpayer: This project not only benefits taxpayers in the City of Bend, but also those in the wider Tri-County area (Deschutes, Jefferson, and Crook Counties). The completion of this project positively contributes to health, economic, environmental, and aesthetic needs of Central Oregon.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): WRR

FY 2010 Funding: 0

FY 2011 President Budget Request Level: 0

Member's FY 2011 Funding Request: \$500,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

Number of Jobs Created: Estimated 15 jobs for the Alternatives Analysis, with many more created when construction of the chosen alternative commences. Mirror Pond Restoration has the potential to create short and long term economic benefits for our community. Deschutes County has an official unemployment rate of 15%, with an estimated real unemployment rate of 25%. In the short term, it will employ professional engineers, scientists, and project managers that are desperately in need of jobs in Central Oregon. In the long term, it restores a community asset that brings commerce and tourism to the City of Bend, and the wider Central Oregon region.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Deschutes Project

Project Recipient Name: U.S. Bureau of Reclamation, Bill McDonald – Regional Director (Pacific Northwest Region)

Phone Number: (208) 378-5385

Address: 1150 N. Curtis Road, Suite 100, Boise, Idaho 83706-1234

Project Location (if different from above): Crook, Jefferson and Deschutes Counties - Reclamation will award 50% cost-shared, competitive grants to the seven irrigation districts for planning, design and construction of water conservation / fisheries restoration projects located throughout the Deschutes Basin.

Project Purpose: These funds will accelerate an array of innovative water conservation and fisheries restoration projects in planning, design and construction. All of the projects will benefit federally protected fisheries, including bull trout and steelhead, in the Deschutes River and its tributaries. All of the projects include lining and piping open irrigation canals, and returning a portion of the previously diverted water supplies back to the river forever as protected instream flows. These projects will ultimately be linked to a multi-species Habitat Conservation Plan (HCP) now in development.

Project Benefit to the Taxpayer: All of these projects will benefit Oregon's economy and environment. These water conservation projects will create and sustain family-wage jobs, stimulate economic activity by enhancing agricultural productivity, and increase instream flows for fish and wildlife species, and for recreational activities. Several of the projects will also create carbon-free energy through micro-hydropower units.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): WRR

FY 2010 Funding: \$692,000 - an increase of \$210,000 over the President's budget

FY 2011 President Budget Request Level: \$161,000 (for Water and Energy and Development)

Member's FY 2011 Funding Request: \$5,000,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Federal

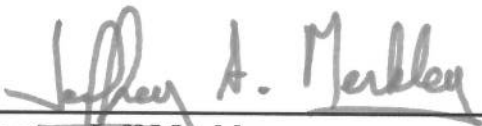
Number of Jobs Created: A minimum of 29 family-wage jobs (This is an approximate estimate based upon the number of jobs created and/or sustained in the Central Oregon Irrigation District "Juniper Ridge" conservation/hydropower project now in construction).

New Study or Construction Start (Y/N): No



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Solar Power for Central Oregon Community College

Project Recipient Name: Central Oregon Community College (COCC)

Phone Number: (541) 383-7731 (Cheryl Podesta)

Address: 2600 NW College Way
Bend, Oregon 97701-5998

Project Location: COCC Redmond Campus
2030 SE College Loop
Redmond, Oregon 97756-7013

Project Purpose: The Solar Photovoltaic (PV) Power System will be installed on the COCC Campus in Redmond, providing renewable energy to generate electricity on the campus and to establish an onsite demonstration laboratory for conservation and green-energy technology students. It will also serve as a resource for other organizations considering the same choices when constructing or remodeling buildings -- demonstrating COCC's commitment to leading-by-example. COCC project managers collaborated with community leaders, businesses, and energy experts and manufacturers and considered the wishes of the citizens, students, and staff as they explored viable options for sustainable and renewable energy resources. Now that the voters approved the November 2009 Bond Measure to help fund the College's several construction projects, work on the new classroom facilities and the Solar Power Project can begin.

Project Benefit to the Taxpayer: Specifically, the solar project will have several long-term benefits for the community and its taxpayers:

- More students will be enrolled as COCC constructs new facilities and classrooms and as capacity is enlarged.
- By using solar energy, the cost to power the buildings will be reduced.
- Clean and renewable energy will save natural resources and reduce the carbon footprint.
- Community environment and quality of living will be enhanced.
- Several family-wage jobs will be supported during the project.
- Project will serve as a teaching tool for students in "green energy" industries.
- Project will serve as an example for businesses considering building "green."
- Faculty, clerical, administrative, and maintenance staff will be hired when the new facilities open.

Agency: Department of Energy

Program Account Name and sub account if applicable: EERE

FY 2010 Funding: NA

FY 2011 President Budget Request Level: 0

Member's FY 2011 Funding Request: \$750,000

Type of Entity: Community College

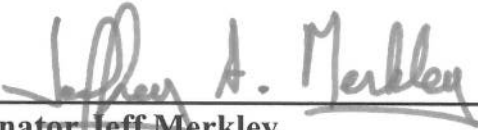
Number of Jobs Created: 10-20 FTE during the project.

New Study or Construction Start: Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Deschutes Ecosystem Restoration Project

Project Recipient Name: Deschutes River Conservancy

Phone Number: (541) 382 - 4077

Address: Deschutes River Conservancy
PO Box 1560
Bend, OR 97701

Project Location (if different from above): Deschutes County, Crook County, and Jefferson County

Project Purpose: In FY2011-2012, the Deschutes Ecosystem Restoration Project will focus on large scale water conservation with four irrigation districts in the upper Deschutes Basin - Tumalo Irrigation District, North Unit Irrigation District, Ochoco Irrigation District, and Three Sisters Irrigation District. These canal lining and piping projects will prevent the seepage of irrigation water into central Oregon's porous volcanic soil, allowing irrigation districts to better manage their water supplies and providing water for stream flow restoration. Through these projects, the Deschutes River Conservancy expects to build on its past successes and restore unprecedented amounts of stream flow in the Deschutes River, the Crooked River, Tumalo Creek, and Whychus Creek. They will improve habitat for federally listed salmon and steelhead trout while enhancing water supplies for local irrigation districts. Funding will support collaborative water management planning and water banking directly with local partners and through the existing Deschutes Water Alliance, a joint venture between municipalities, irrigation districts, and the Deschutes River Conservancy.

Project Benefit to the Taxpayer: The Deschutes Ecosystem Restoration Project has provided non-federal matching funds at the 2:1 level in previous years and expects to do so in the future. The project will simultaneously meet agricultural, environmental, and municipal water needs. The project cooperatively restores habitat for federally listed steelhead trout and salmon, avoiding the costly litigation that has occurred in other regions. It will also provide opportunities for fish-friendly hydropower associated with irrigation canal piping.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy

supply, weapons): WRR

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: None

Member's FY 2011 Funding Request: \$2,000,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Not-for-Profit

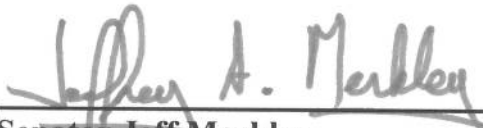
Number of Jobs Created: The Deschutes River Conservancy estimates that this project will directly create fifty jobs in Central Oregon in the construction and engineering industries.

New Study or Construction Start (Y/N): Yes



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Ladd Creek Restoration

Project Recipient Name: Oregon Department of Transportation

Phone Number: (503) 986-3448

Address: 355 Capitol Street NE, Room 135
Salem, OR 97301

Project Location (if different from above): Along Interstate 84 in Union County, southeast of La Grande

Project Purpose: About six miles south of LaGrande, Interstate 84 passes through the narrow, steep Ladd Canyon and crosses Ladd Creek three times. When I-84 was constructed in the 1960s, engineers designed a 20-foot tall vertical shaft, connecting a new section of culvert to an existing culvert to carry the creek under the freeway. This design resulted in a complete barrier to fish passage on Ladd Creek for all species at all flow levels, cutting off spawning habitat in the upper reaches of the creek. Two additional concrete box culverts lower in the canyon also create partial fish passage barriers. This project will eliminate these fish passage barriers by replacing the existing culverts or rerouting the creek. Removal of these fish barriers will open over 12 miles of spawning habitat for the Snake River summer steelhead and Snake River spring Chinook, both of which are listed as threatened under the Endangered Species Act. The Oregon Department of Fish and Wildlife (ODFW) designated this barrier as one of the state's top priorities for fish passage restoration.

Project Benefit to the Taxpayer: This project will help repair damage done to the environment when I-84 was constructed and help the Northwest restore populations of fish that are important to both the sportfishing industry and commercial fisheries.

Agency (see below): US Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Section 206 Aquatic Ecosystem Restoration

FY 2010 Funding: NA

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: List under Section 206:

Ladd Creek Restoration, La Grande, OR- The Committee has been made aware of and encourages the U.S. Army Corps of Engineers to give consideration to the Ladd Creek Restoration project as part of Section 206.

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government agency

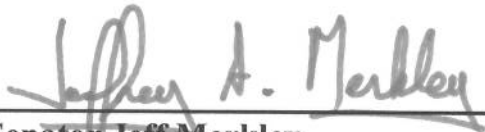
Number of Jobs Created: ODOT estimates that every \$1 million in highway construction spending creates 14 family-wage jobs in construction and other industries in Oregon. Construction of this project will create approximately 94 jobs in construction and related industries.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Wallowa Lake Dam Rehabilitation and Water Management Act

Project Recipient Name: Associated Ditch Companies Inc. (ADC)

Phone Number: (541) 432-6385

Address: 85381 Bicentennial Lane, Joseph, Oregon 97846

Project Location (if different from above): 2 miles south of the town of Joseph OR and at the north end of Wallowa Lake.

Project Purpose: Funds would be used to rehabilitate the 91-year-old dam at Wallowa Lake, providing flood control for Wallowa County, maintain instream flows in support of salmon migration and other endangered fish, sustain critical habitat along the Wallowa River, and to sustain agriculture production in Wallowa & Union Counties. The Wallowa Lake Dam is the economic engine for the region.

Project Benefit to the Taxpayer: Purpose:

This is a high hazard dam and if not rehabilitated, it could result in the loss of life and damage to property. In addition, the new dam would better regulate late season instream flows to support salmon migration and critical habitat.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): WRR

FY 2010 Funding: N/A

FY 2011 President Budget Request Level: Not in the President's Budget

Member's FY 2011 Funding Request: \$2,300,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Not-for-Profit

Number of Jobs Created: 15-20

New Study or Construction Start (Y/N): Y

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Umatilla Basin, Oregon Water Supply Study

Project Recipient Name: Confederate Tribes of the Umatilla Indian Reservation (CTUIR)

Phone Number: (208) 378-5087

Address: U.S. Bureau of Reclamation
c/o Bob Hamilton, Resource Management Coordinator and Activity Manager
Pacific Northwest Regional Office
1150 North Curtis Road, Suite 100
Boise, ID 83706-1234

Project Location (if different from above): Vicinity of Pendleton, Hermiston and Echo, OR

Project Purpose: Funds will be used by the Bureau of Reclamation (BOR) to complete and refine the design, engineering, and cost analysis on final project alternatives that would satisfy the Confederated Tribes of the Umatilla Indian Reservation (CTUIR) treaty reserved water rights in the Umatilla basin. The water projects are needed to achieve a settlement of CTUIR water rights in a manner that preserves the agricultural economy in the Umatilla basin. The BOR will also use the funds to study the potential integration of the Tribal water supply project with the State of Oregon-led aquifer recharge project in the lower Umatilla basin. The BOR study is needed by the Federal Indian Water Rights Assessment Team to evaluate how the CTUIR reserved water rights can be satisfied and to determine if a water rights settlement is feasible. The water projects identified in the Bureau's water supply study will provide the information necessary for a negotiated solution to the Tribes reserved water rights, which will avoid protracted, expensive and divisive litigation involving the CTUIR, the State, the United States and multiple municipalities, irrigation districts and individual water users.

Project Benefit to the Taxpayer: The water projects being evaluated in the Bureau's Water Supply Study will provide the information necessary for a negotiated settlement to the CTUIR reserved water rights, and will resolve ESA issues in connection with the two listed species in the Umatilla basin. A negotiated settlement will avoid litigation and preserve the agricultural economy. Water project construction will provide construction jobs, and when operational, will enable the development of ~20,000 acres of new agriculture.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy

supply, weapons): WRR

FY 2010 Funding: \$100,000

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$300,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Federal

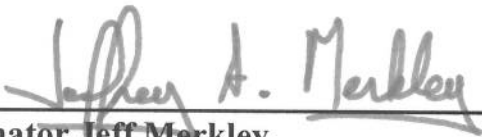
Number of Jobs Created: During the study phase minimal and unknown. During later construction phase many.

New Study or Construction Start (Y/N): No



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Walla Walla Watershed

Project Recipient Name:

U.S. Army Corps of Engineers Walla Walla District (ACOE)
Confederated Tribes of the Umatilla Indian Reservation (CTUIR)

Phone Number: USACE – (509) 527 -7615, CTUIR - (541) 429- 7233

Address: Walla Walla District Corps of Engineers
Margie McGill, Project Manager
201 N. Third Avenue
Walla Walla, Washington 99362

Confederated Tribes of the Umatilla Indian Reservation
Nixyaawi Governance Center
Department of Natural Resources
Attn: Rick George
46411 Timine Way
Pendleton, OR 97801

Project Location (if different from above): Walla Walla River Basin - Umatilla, Wallowa, Union Counties, OR; and Walla Walla and Columbia Counties, WA

Project Purpose: The project is designed to deliver Columbia River water to three irrigation districts in the Walla Walla Basin in exchange for those irrigators bypassing the same amount of their normal Walla Walla River diversions. Funds will be used to restore instream flow levels in the Walla Walla River to near natural flow levels, enabling recovery of a sustainable salmon fishery while maintaining the current water uses in the basin. The project is currently in the Feasibility Study phase. The Feasibility Report/Environmental Impact Statement is scheduled for completion in late 2010. Funds will be used for Pre-construction, Engineering, and Design work.

Project Benefit to the Taxpayer: Development of a new, stable water supply source that restores instream flows for fish and protects agricultural water uses. Completion of the Walla Walla Basin general investigation will allow congress to authorize a large, new water project that will develop new jobs, increase and diversify the tax base by restoring salmon and creating a new fishery for the CTUIR, and for the local and regional commercial and sports fisheries. This effort will also protect and enhance the irrigated agricultural economy of the basin.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): General Investigations

FY 2010 Funding: \$170,000

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$2,000,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Federal

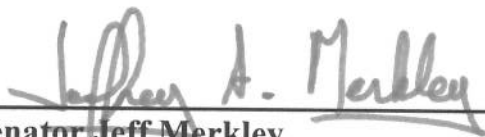
Number of Jobs Created: USACE estimates that fifty-five (55) jobs are created per \$1,000,000 spent. Approximately one hundred and ten (110) jobs will be created if the request is granted.

New Study or Construction Start (Y/N): No



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Drinking Water System Pipeline Security Project

Project Recipient Name: City of Corvallis, Public Works, Steve Rogers, Public Works Director

Phone Number: 541-766-6916

Address: 1245 NE Third Street, Corvallis, Oregon 97330 / P.O. Box 1083, Corvallis, Oregon 97339

Project Location (if different from above): Marys River at 4th and 15th Streets.

Project Purpose: The City of Corvallis requests funds to protect the community's water supply from damage during seismic activity or other emergencies. The two pipelines that carry water from the city's main water treatment plant to the major populated areas of the city cross the Marys River hung underneath bridges on 4th and 15th Streets. A recent seismic evaluation determined that the bridges are at risk in the event of an earthquake. If the bridges are damaged, then the city's ability to supply the community with water will be compromised. Additionally, the city completed a Water System Security Vulnerability Assessment as required by the federal Public Health Security and Bioterrorism Preparedness and Response Act of 2002. This report indicated that the pipeline crossings were susceptible to damage/destruction and that this would have a significant negative impact on the city. This project would remove the two pipelines from the bridges and place the pipes underneath the river bottom where they are less susceptible to damage from a seismic event or from a terrorist attack.

Project Benefit to the Taxpayer: This project will help ensure an uninterrupted water supply to all utility customers.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): WRR

FY 2010 Funding: NA

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$1,216,200

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Municipal Public Works

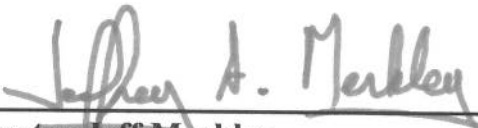
Number of Jobs Created: Five

New Study or Construction Start (Y/N): Yes



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending item(s) that I have requested, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate for the following bill(s): **Energy and Water Development Appropriation**

FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Lane Bio Energy Facility

Project Recipient Name: Lane County, Oregon

Phone Number: (541) 682-6504, Alex Cuyler, Lane County Administration

Address: 125 East 8th Avenue, Eugene, Oregon 97401

Project Location (if different from above): Junction City, Lane County, OR.

Project Purpose: Lane County requests funds that will be used to develop a publicly owned facility, which will convert grass straw waste and other feedstocks to cellulosic ethanol, electricity, and pellets. The field burning of grass straw, a byproduct of grass seed production in the Willamette Valley, will be phased out by 2011 under legislation adopted in 2009. While this legislation creates an air quality benefit, it creates a massive disposal problem for the Willamette Valley's \$600 million grass seed industry. The facility will initially produce a minimum of a) 3MW of electricity from anaerobic digestion; b) 12,000 tons/yr of biomass heating fuel in the form of wood bricks, and c) 200,000 gallons of cellulosic ethanol. This project has been selected as a "Signature Infrastructure" project by the Oregon Way Advisory Group, appointed by Governor Kulongoski to guide ARRA funding opportunities. As an Oregon Signature Infrastructure project, Lane County believes the project will be more competitive in subsequent ARRA funding rounds.

Project Benefit to the Taxpayer: This project furthers the federal interest in promoting domestic energy efficiency and renewable energy sources. This project creates jobs in a rural area that has lost thousands of jobs in the recent downturn. Furthermore, this project provides a solution to a significant disposal issue and keeps the grass seed industry viable and competitive, thereby retaining jobs

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: 0

FY 2011 President Budget Request Level: 0

Member's FY 2011 Funding Request: \$1,980,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Public Entity - Public entity responsible for local government services, including transportation, public works, sanitation, public safety, public health, recreation, zoning and related government functions.

Number of Jobs Created:

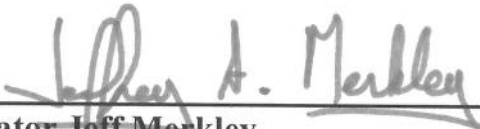
- A total of 76 construction jobs for approximately 6 months.
- Direct jobs: At opening, the facility will employ 16 people full-time and expand to 45 full-time positions at full capacity. These jobs will include on-site materials pre-processing, production of renewable energy and fuels, green products and sales.
- Indirect jobs related to the facility: 40 – 90 full-time positions at full capacity. These jobs will include the collection of the organic wastes streams, transportation and sales and distribution of the green products.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Bio-gas Electrical Co-generation System

Project Recipient Name: Metropolitan Wastewater Management Commission – comprised of City of Springfield, Lane County, and City of Eugene.

Phone Number: 541-726-3700, Niel Laudati

Address: City of Springfield, 225 Fifth St., Springfield, Oregon 97477

Project Location (if different from above): Eugene, Oregon

Project Purpose: The WPCF treats over 13 billion gallons of wastewater annually. It services a population of approximately 220,000 people, as well as the commercial and industrial entities in Eugene and Springfield. The solids removed from the wastewater are sent to one of three anaerobic digesters for treatment, where a biological by-product is methane gas. Currently, a portion of this “bio-gas” is used as fuel for an 800 kilowatt-hour internal-combustion electrical co-generation unit, which produces approximately 60% of the power used at the WPCF. Excess bio-gas is either burned in a boiler to heat portions of the operation or a waste gas burner (a “flare”) to ensure safe disposal and odor control. Currently, both the existing co-generation unit and supporting electrical infrastructure have reached their maximum operating capacity. Funds will be used to complete detail design and construction contract services to build an expanded co-generation system, including engine-generator and electrical infrastructure improvements, bio-gas conditioning and catalytic converters for emission controls, heat recovery for maximum efficiency, and improving building constraints for safety.

Project Benefit to the Taxpayer: This project furthers the federal interest in promoting energy efficiency and renewable energy sources. The WPCF is an ISO 14001 Environmental Management System (EMS) certified site, and takes a proactive role in addressing environmental impacts. By using biologically-derived methane gas for electricity generation, the WPCF will come closer to being 100% electrically self-sufficient on a renewable energy source – thus decreasing the total overall demand on the regional electrical system. Over time, the proposed additional capacity could potentially position the WPCF as a net “energy exporter,” supplementing regional power supplies. It would also provide power at a stable cost, decrease waste bio-gas flaring, the MWMC’s reliance on externally generated energy supplies, and reduce green house gas emissions associated with operating the WPCF.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: 0

FY 2011 President Budget Request Level: 0

Member's FY 2011 Funding Request: \$1,980,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Public Entity - Public entity responsible for local government services, including transportation, public works, sanitation, public safety, public health, recreation, zoning and related government functions.

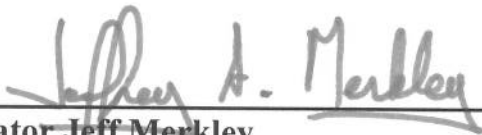
Number of Jobs Created: It is anticipated that engineering consultant design and contractor's construction services will be performed by firms residing in Oregon, which is typical for a project of this size and scope. The precise number of jobs may vary, depending on how the project is designed and the work staged, but would be expected to provide construction work, including specialty construction work, for 10-15 construction and support staff for 4 months (3 to 5 FTE). Project design and engineering support services during construction will require the services of an engineering consultant for approximately 3 FTE.

New Study or Construction Start (Y/N): No.



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Lane Community College Energy Demonstration Building

Project Recipient Name: Lane Community College

Phone Number: 541-463-5850 (Roger Ebbage)

Address: 4000 E 30th Ave; Eugene, OR 97405

Project Location (if different from above): The new facility is scheduled for construction in late 2010 in downtown Eugene, Oregon.

Project Purpose: Lane Community College requests funding for equipment for its Center for Energy Transformation to train local workforce in sustainable energy and water uses in commercial buildings. The center serves education, workforce, and business needs by providing short-term and longer-term energy efficiency and renewable energy workforce training, and by facilitating statewide efforts as an educational and training clearinghouse for renewable energy technologies, training, and business opportunities. The proposed new facility's hands-on learning capacity will include comprehensive control, metering, and monitoring systems; real-time demonstration of the energy dynamics within the building; a lighting system mock-up and change-out capability that provides real-time system demonstration; a variety of photovoltaic systems that serve as an installation laboratory for students; and a water reclamation system. Lane Community College and the Northwest Energy Education Institute have been nationally-recognized leaders in energy efficiency for nearly three decades. The requested equipment would be installed at the college's new Downtown Campus, currently scheduled for construction in fall 2010, where the program will be relocated upon completion.

Project Benefit to the Taxpayer: This project will contribute to long-term job creation by building capacity for the new green economy, primarily training new technicians to meet local and national energy conservation needs. It will also provide immediate jobs in construction for the project's implementation.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: \$550,000

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$1,980,500

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government, University (community college, institution of higher education)

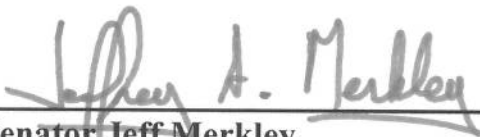
Number of Jobs Created: Construction phase: Between 150 and 200 construction workers are anticipated during the entire two-year construction of the facility. Jobs will peak between 650 and 750 during construction. Training phase: 120 local/regional residents annually in one of four areas: energy efficiency analysis, renewable energy installation, resource conservation management, and water conservation management. Distance education: An additional 1,200 jobs annually at partner colleges nationwide. Total one-time job creation: up to 750 construction jobs. Total on-going job creation: 1,300 annually in Oregon and in other states.

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Siuslaw River ACOE Operations and Maintenance.

Project Recipient Name: Port of Siuslaw

Phone Number: 541-997-3426

Address: PO Box 1220, Florence, Oregon 97439

Project Location (if different from above): N/A

Project Purpose:

Funding will be spent on Army Corps operations and maintenance for annual dredging activities, major Maintenance Report N&S Jetties, and ocean disposal site evaluation. This last activity was supposed to be funded through ARRA, but funding was shifted away from the Port.

- \$708,000: Annual dredging activities.
- \$230,000: Major Maintenance Report N&S Jetties
- \$145,000: Ocean Disposal Site Evaluation (This was supposed to be funded through ARRA, but funding was shifted away from the Port).

Project Benefit to the Taxpayer:

Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: Received \$647,000

FY 2011 President Budget Request Level: \$708,000

Member's FY 2011 Funding Request: \$1,083,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

Number of Jobs Created: ACOE operations and maintenance will create 6 to 10 skilled personnel for the duration of the project.

New Study or Construction Start (Y/N): N

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending item(s) that I have requested, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate for the following bill(s): **Energy and Water Development Appropriation**

FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Wave Energy Test Berth Development and Analysis

Project Recipient Name: Oregon State University

Phone Number: 503-891-3332

Address: 600 Kerr Administration Building, Corvallis, Oregon 97331

Project Location (if different from above): Corvallis and Newport, Oregon

Project Purpose: The proposed funding will supplement the DOE's Northwest National Marine Renewable Energy Center (NNMREC) through: (1) development of an additional mobile floating ocean test berth and a central junction box for wave energy device testing available to industry and public entities; (2) ecological and environmental analysis of the potential impacts of marine energy infrastructure and devices on marine ecosystems with attention to changes in behavior of marine species, seabirds, benthic habitats; changes in underwater acoustics; wave and current energy distributions; and electromagnetic fields; (3) analysis of marine energy infrastructure and devices on the human dimension through social, cultural, political and economic-related research; and (4) engaging coastal community businesses, residents and visitors with educational outreach related to marine renewable energy.

Project Benefit to the Taxpayer:

This project will contribute to development of marine renewable energy which can directly reduce carbon emissions, reduce the nation's dependency on foreign oil and increase the percentage of electrical power generated from renewable sources. Through accelerated development of wave energy technologies, the nation can more quickly commercialize these technologies, build a vibrant green energy manufacturing base, and reduce its dependence on foreign oil. In addition, wave energy has potential to contribute significantly to Oregon's Renewable Portfolio Standard of 25 percent renewable energy by 2025.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): ERRE

FY 2010 Funding: \$880,000

FY 2011 President Budget Request Level: None

Member's FY 2011 Funding Request: \$1,980,500

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Public Research University

Number of Jobs Created: Salary funding would partially fund the time of 2-3 professors, 1 Center Manager, 1 Technician, and about 7 graduate and undergraduate positions, creating approximately 12 jobs. In addition, environmental monitoring work will fund 2 graduate students in marine biology. The work to design and construct the Wave Energy Ocean Test Berth off the Oregon Coast would also enable a local company to fund another 8-10 employees.

New Study or Construction Start (Y/N): No



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Willamette Floodplain Restoration Study

Project Recipient Name: The Nature Conservancy

Phone Number: 503/808-4721

Address: Portland

Project Location (if different from above): Lane/Linn Counties, Oregon

Project Purpose: The Willamette Floodplain Restoration Study will provide information for the Army Corps of Engineers to contribute to the long-term restoration of floodplain habitat in the Willamette River Basin, an important step toward recovery of several federally threatened fish species. The project's restoration efforts, including increasing floodplain connectivity and replanting riparian forests, will enhance the Corps' ability to reduce river temperatures and meet their obligations under the Clean Water Act. The Study will advance the goals of the broader Sustainable Rivers Project, which is identifying environmental flow requirements for the Willamette and its tributaries, and tying those flow requirements to stream channel and floodplain restoration projects.

Project Benefit to the Taxpayer: With a 50 percent non-federal cost share requirement, the project will leverage taxpayer dollars. In addition, the project will benefit and improve floodplain habitat in the Willamette River Basin, designated one of ten American Heritage Rivers and identified as one of five priority watersheds in the nation by the Corps. The Willamette has great cultural, ecological and economic importance, and the efforts funded through this project represent an important step toward the recovery of several iconic and federally threatened fish species. Finally, it is anticipated that multiple on-the-ground restoration projects will be identified and described through this study. Implementation of these restoration projects will generate numerous engineering and construction jobs over the next five years.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): General Investigations

FY 2010 Funding: \$137,000

FY 2011 President Budget Request Level: \$153,000

Member's FY 2011 Funding Request: \$153,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Federal Government

Number of Jobs Created:

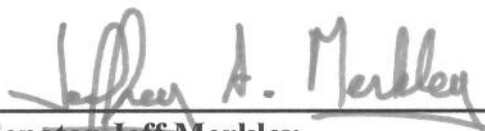
It is anticipated that multiple on-the-ground restoration projects will be identified and described through this study. Implementation of these restoration projects will generate numerous engineering and construction jobs over the next five years.

New Study or Construction Start (Y/N): No



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Douglas County Wave & Tidal Energy Project

Project Recipient Name: Douglas County

Phone Number: 541-440-4201

Address: Douglas County
1036 S.E. Douglas Ave., Rm 217
Roseburg, Oregon 97470

Project Location (if different from above): Project is located at mouth of Umpqua River – near Salmon Harbor

Project Purpose: Douglas County is developing a wave resource renewable energy project to provide a new source of renewable energy as well as to stimulate the wave energy industry centered around the Oregon coast at Reedsport. The project obtained a preliminary permit from the Federal Energy Regulatory Commission (FERC) in 2007 and has subsequently completed bathymetric, wave resource, wave tank modeling, and public scoping. The funding requested herein would be utilized to identify the initial site and project engineering, cost estimations, follow up with the FERC identified studies, and continued public outreach. Success at this stage of the project will be measured by whether the project is physically and cost effective, FERC license application, and public support. Success of the project overall will be the construction of a 3 megawatt wave energy facility connected to the grid.

Project Benefit to the Taxpayer: The successful completion of the project will identify whether this renewable energy source is financially, environmentally, technically and publically viable. A new source of renewable energy will offset the current non-renewable energy demand. Success of the project will allow the technology to be readily transferable to other remote locations currently dependent upon non-renewable sources.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: 0

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$300,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

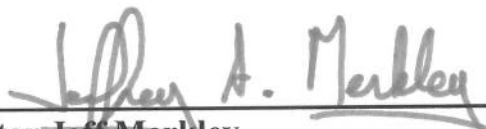
Number of Jobs Created: 3 permanent – 35+ during construction

New Study or Construction Start (Y/N): Funding under this appropriation request would allow for the studies and information gathering necessary for construction of the project and FERC licensing. These represent new studies that have not yet been undertaken.



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Water for Irrigation Streams and Economy (WISE)

Project Recipient Name: Talent Irrigation District (TID)

Phone Number: (541) 535-1529

Address: 104 Valley View Road
Talent, Oregon 97540

Project Location (if different from above): Jackson and Klamath Counties, Oregon

Project Purpose: The WISE Project is a locally driven and supported regional project to improve agriculture, streams, and outdoor recreation. The project is currently in the middle of the required Feasibility Study and Environmental Impact Statement (FS/EIS). The recently completed Pre-feasibility Study details quantitatively how modernizing the existing regional irrigation infrastructure by piping the entire system, increasing reservoir storage and implementing reclaimed effluent for irrigation can significantly increase irrigation efficiency, reliability and availability while improving local streams. The entire irrigation system would be under gravity pressure, even producing micro-hydropower within the irrigation system. The funding requested through this form is needed to complete the required FS/EIS before project construction can begin. Development of a preferred alternative through the FS/EIS process, which will then be carried forward for construction, represents the successful completion of the FS/EIS.

Project Benefit to the Taxpayer: Implementation of the WISE Project will improve the regional agriculture, recreation, and fishing economies providing direct and indirect benefits to the regional population.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): WRR

FY 2010 Funding: \$100,000

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$2,500,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government, Talent Irrigation District

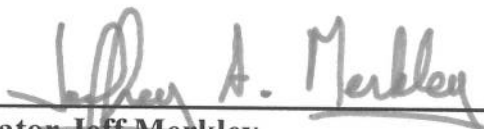
Number of Jobs Created: Completion of the FS/EIS will require more than 8 FTE of 18 months that will be shared by more than 20 people.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Medford Airport Solar Park

Project Recipient Name: Jackson County

Phone Number: (541) 774-6003

Address: 10 S. Oakdale, Medford, Oregon 97501

Project Location (if different from above): Corona at Whittle, Medford, Oregon 97504

Project Purpose: In its desire to increase energy independence and achieve sustainability, Jackson County is fully engaged in implementing the goals set forth in its environmental plan. Currently, numerous energy conservation projects are underway. Jackson County now plans to develop a solar energy park for the Rogue Valley International-Medford Airport (RVIMA) on a forty-seven acre parcel of land that they currently own. This would enable the county to sell renewable power to the grid on Pacific Power's Schedule 037 or through an anticipated feed-in-tariff (FIT). The area could support a 7.9MW facility that could generate sales revenues up to \$1.2M annually. The project would generate an estimated 17,352,508 kWh annually. RVIMA intends to develop the facility, provide for the interconnection study, utility interconnection, step-up transformers, and initial infrastructure. These funds would help the airport accomplish this goal and solicit private companies to participate. Private participants' solar generation will be sub-metered so they receive a proportional share of the revenues, incentives, and tax credits after lease and interconnection fees are paid to the airport. Several large local businesses have expressed interest in participating in this project to increase their revenue in a time when Jackson County's unemployment rate is at 13.7—one of the highest in the state. The additional revenue will enable the airport to be more competitive, giving them an opportunity to lower landing fees, and thus ticket prices, making travel to and from Medford more attractive and thereby increasing tourism in this economically depressed area.

Project Benefit to the Taxpayer: RVIMA is the third largest airport in the state, serving Jackson County and seven other surrounding counties. The \$1.2M in additional revenue that will be generated from this utility grid sales application will enable the airport to lower their landing fees, making it more competitive, which is a benefit for all southern Oregon residents. The lower landing fees will attract other airlines to the area, bringing in more tourism from areas that currently cannot easily reach Medford. This will also enable airlines to lower their ticket prices, making travel to and from Medford more attractive.

Several local businesses that participate in the purchase of their own tower(s) will benefit by

saving energy and earning an additional revenue stream, which will make them more productive and save jobs throughout the community. This is especially essential in a time when the Medford unemployment rate is at 14.6%, exceeding the nation's average.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: None

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$500,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local government

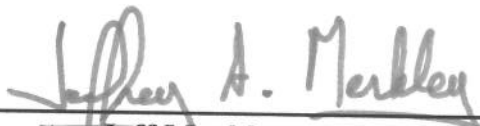
Number of Jobs Created: 48 for this Phase, 66 overall

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Wastewater Treatment Plant Renewable Energy Project

Project Recipient Name: City of Corvallis, Public Works

Phone Number: 541-766-6916

Address: 1245 NE Third Street, Corvallis, Oregon 97330
P.O. Box 1083, Corvallis, Oregon 97339

Project Location (if different from above): City-owned Wastewater Treatment Plant, 1304 NE Second Street, Corvallis, OR 97330

Project Purpose: The City of Corvallis will use funds for this project to purchase equipment to utilize methane gas, which is a byproduct of the wastewater treatment process, for energy production. The primary intended use of the methane would be to generate electricity to reduce the use of commercial electricity used to power the wastewater treatment plant. The City treats on average 3 billion gallons of wastewater each year, at an electricity cost of over \$200,000 per year. Most of the electricity purchased from Pacific Power and Light is fossil fuel (coal) based. The city estimates it could produce enough electricity to offset approximately \$50,000 of fossil fuel based electrical costs per year if the methane generated at the treatment plant is used.

Project Benefit to the Taxpayer:

This project will help control operational expenses which are taken into consideration when setting utility rates, therefore controlling expenses will control rates.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: N/A

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$800,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private

Company): Municipal Public Works

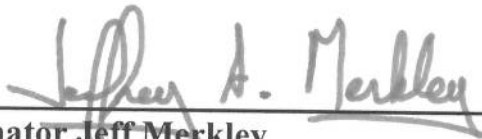
Number of Jobs Created: Five

New Study or Construction Start (Y/N): Yes



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Reedsport Wave Power Project (Phase I)

Project Recipient Name: City of Reedsport

Phone Number: 541-271-1984

Address: 451 Winchester Ave
Reedsport, Oregon 97467

Project Location (if different from above): 2.5 miles off coast of Reedsport, Oregon

Project Purpose: Phase I of the Reedsport Wave Power Project will deploy and install one 150 kW wave energy PowerBuoy 2.5 miles off the coast of Reedsport. A leading Oregon manufacturing company has already begun fabrication of the first PowerBuoy. FERC issued a preliminary permit for the Reedsport OPT Wave Park project in 2007, and a final license application for a multiple buoy project (Phase II) was recently submitted. Phase II of the project would consist of 10 PowerBuoys with a combined output of 1.5 MW. Once fabrication of the PowerBuoy is completed later this year, federal funding will supplement non-federal funds to manufacture and deploy the mooring systems, deploy the PowerBuoy, manufacture and deploy the undersea electrical infrastructure, and provide onshore power grid capabilities. The project will help create a new domestic renewable wave energy technology industry and generate jobs in a particularly hard-hit region of Oregon. The City of Reedsport will oversee the development of this key renewable energy initiative, coordinate the use of community workforce resources, orchestrate the use of local vendors and integrate the project into a fully articulated community energy plan. The city has also been engaged in a collaborative settlement process with state and federal agencies, conservation groups, fishing groups, and Ocean Power Technologies to build consensus for wave energy development, which has resulted in an agreement that includes an adaptive management strategy with study plans to identify and address any adverse ecological or socioeconomic effects from the first and second phases of the wave energy project.

Project Benefit to the Taxpayer: The Reedsport Wave Power Project represents the most promising opportunity in North America to commercialize grid-connected wave energy to generate reliable, clean and environmentally-beneficial renewable electricity to help serve domestic energy needs. The process outlined to attain state and federal approval of the project will serve as a model for other potential wave energy development. According to the Electric Power Research Institute (EPRI), the wave capability of the Oregon coast is among the best in the world, delivering an average strength of over 20 kW/meter. The State of Oregon has developed a territorial sea plan (http://www.oregon.gov/LCD/OCMP/Ocean_TSP.shtml) and

outlined a clear path to receiving state permitting for phased wave energy projects, such as Reedsport. Moreover, the City of Reedsport is working with other parties to provide access to existing underused infrastructure, including the International Paper Gardiner outflow pipe, transmission lines and the BPA Gardiner substation, which represents a significant contribution towards commercialization of wave energy technology.

There will be a significant non-federal contribution to the \$20M cost of Phase I of the project (single buoy) and the eventual \$45M cost of Phase II (9 added buoys). OPT and private entities will be financing at least 50% of the project costs. PNGC Power is contributing \$510,000 and additional utility investment is possible as the project moves to commercialization. In both Phase I and Phase II, Oregon state energy tax credits will be awarded for the project (approx \$1.2M in Phase I and approx \$6.5M in Phase II). The likely ability to utilize an existing 2.5 mile outflow pipe (IP/Gardiner Sanitary District) and underused electrical transmission infrastructure represents at least \$1M in potential project savings. Moreover, research, mapping and environmental analysis already completed by the Oregon Wave Energy Trust (OWET) represents additional non-federal investment.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: 0

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$1,980,500

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

Number of Jobs Created: \$2M in federal funding would leverage significant non-federal investment in Phase I of the project to create approximately 15 jobs in metal fabrication, mooring manufacturing and installation, deployment vessels and other marine operations. Many of these jobs would be created in the Reedsport and Coos Bay areas. Further, it's anticipated that longer term renewable energy technical jobs will be created on the Oregon coast to maintain and service the PowerBuoys.

An additional 25 jobs will be created if an additional \$3M can be secured through available grants or future appropriations to manufacture and install the underwater and on-shore electrical infrastructure. This would complete Phase I of the project.

New Study or Construction Start (Y/N): N

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending item(s) that I have requested, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate for the following bill(s): **Energy and Water Development Appropriation**

FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Green Technology Center

Project Recipient Name: Oregon Institute of Technology (OIT)

Phone Number: 541.885.1112

Address: 3201 Klamath Falls, Oregon 97601

Project Location (if different from above): OIT Portland East
7726 SE Harmony Rd
Portland, Oregon 97222

Project Purpose: The GTC will be developed within an existing gymnasium at OIT's East Campus. The proposed funds will purchase equipment for four new renewable energy laboratories. The laboratories focus on the existing strengths at OIT Portland, and balanced with industry needs for graduates versed in the various disciplines of energy engineering. The recent emphasis by Governor Kulongoski on promoting the renewable energy industry in Oregon, and a similar promotion by President Obama for renewable R&D at the federal level, has encouraged investors and business to consider investing in the energy sector. Thus, the Renewable Energy Engineering (REE) program is attracting students to take advantage of the potential for meaningful employment in Oregon. Developing the GTC laboratories will assist OIT in providing current and practical training for future energy engineers. The Bachelors of Science in REE program at the OIT continues to grow at a rapid rate. This fall 151 students enrolled in the program and further enrollment increases are anticipated.

Project Benefit to the Taxpayer: The Center would be used to support OIT's new BS degree in Renewable Energy Engineering (REE). The degree was developed to support the recent influx of renewable energy firms in the Portland area - such as wind and solar manufacturing facilities. Employees of these firms and potential job seekers are enrolling the REE program to improve their skills, increase their employment opportunities, and supplement their existing university education - as many already have bachelor degrees in other fields.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: None

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$555,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): University

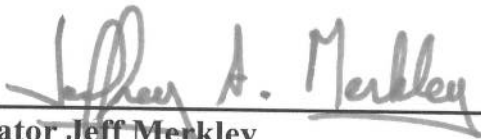
Number of Jobs Created: This project will create 10 equipment installation and minor renovation jobs.

New Study or Construction Start (Y/N): Yes



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Rural Energy Efficiency Pilot Program

Project Recipient Name: Clackamas County, Oregon

Phone Number: 503-742-5900

Address: 2051 Kaen Road, Oregon City, Oregon 97045

Project Location (if different from above): Same

Project Purpose: Clackamas County's Rural Energy Efficiency Pilot program guides the county's economic redevelopment investments towards Estacada and Molalla, two historic timber towns. The first phase of the Rural Energy Efficiency Pilot program centers on energy investments. The program will promote local energy security by investing in a) energy efficiency among neighborhoods and for industrial activities, b) studying sustainable local energy supplies, including biomass from working forest and agricultural lands, and c) identifying opportunities to integrate energy systems at scale to achieve further efficiencies. During phase one, federal funds will be combined with existing state incentive programs, and Clackamas County's energy outreach and energy efficiency programs. More residents and small businesses will be able to access expanded energy efficiency programs, such as the County's low-interest energy efficiency loan program, part of the Clean Energy Works Oregon model, under development. By boosting the low-interest loan program, Clackamas County's investments will yield long-term savings and be re-invested many times in each community. Clackamas County's energy efficiency program for businesses, known as Energy Efficiency on Main Street, provides a one-stop shop coordinating energy assessments, identification of incentives, and additional grants that complement state and federal incentives.

Project Benefit to the Taxpayer: This project would revitalize the timber towns of Estacada and Molalla through investments in the community's energy resources (both efficiency and new supplies, including biomass), and in diversification of sustainable economic activity.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$600,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

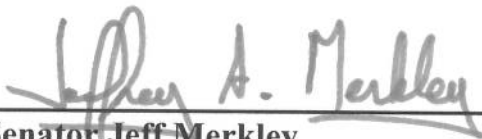
Number of Jobs Created: Between 20 and 60

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Willamette Falls Locks

Project Recipient Name: Oregon City, Oregon

Phone Number: 503-657-0891

Address: 625 Center Street, Oregon City, Oregon 97045

Project Location (if different from above): Willamette Falls Locks

Project Purpose: Funding will provide regular program operation of the locks, keeping them open to recreational, commercial, and industrial traffic and preserving the connectivity for navigation between the northern and southern portions of the Willamette River. The locks have great historical significance and have long been used by commercial and recreational vessels. For decades, the federal government has maintained and operated these facilities. However, there is a strong interest amongst all stakeholders – including the Corps of Engineers – to eventually transfer the locks (as well as the annual operation and maintenance responsibilities) to a local or state authority. In the meantime, it is critical that this funding be provided to ensure the locks remain open and in safe condition.

Project Benefit to the Taxpayer: The project benefits the Oregon economy by supporting recreational, historic preservation, economic development and other uses of the river near the Portland urban area. The project also improves transportation options for freight in the Metro area. An economic study found restoration and operation of the locks has a \$2.9 million annual estimated economic benefit. Continued locks operation also provides an environmental benefit by enabling marine transportation of industrial cargoes. This alternative reduces both energy use and highway congestion with a 65% reduction in carbon dioxide emissions compared to trucking. One industrial use under consideration could, by itself, eliminate 10,000 semi-truck trips per year from metropolitan area roads.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$918,000

FY 2011 President Budget Request Level: \$92,000

Member's FY 2011 Funding Request: \$258,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government.

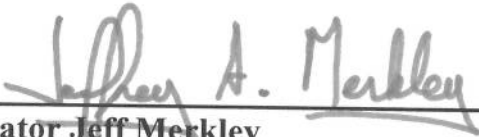
Number of Jobs Created: Three employees for lock operation and maintenance activities. The regular operations schedule of the locks will support jobs and economic activity associated with tour boat and barge activity facilitated by locks use.

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Tualatin Basin Water Supply Project

Project Recipient Name: Clean Water Services

Phone Number: 503-681-3600

Address: 2550 SW Hillsboro Hwy, Hillsboro, Oregon 97123

Project Location (if different from above): Washington County, Oregon

Project Purpose: The Tualatin Basin Water Supply Project will explore solutions for meeting the growing municipal, industrial, agricultural and environmental water demands of Washington County, Oregon. By 2050, an additional 50,000 acre-feet of water per year will be needed. The economy, environment and quality of life in this region are dependent on long-term, reliable water sources for the future. The purpose of the Water Supply Project is to identify sources of water for balancing the competing needs. The Water Supply Partners are currently working with the U.S. Bureau of Reclamation to complete an Environmental Impact Statement examining alternatives to meet these needs.

Project Benefit to the Taxpayer: Washington County is a worldwide center for high-tech, the apparel industry and commercial nursery stock. It is the primary research and development center for the Intel Corporation and the world headquarters for Nike and Columbia Sportswear. Washington County is recognized as the economic engine of the state, generating more state revenue than is returned to the area. A reliable, secure and cost effective water supply is essential to the continued economic health and success of the region.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): WRR

FY 2010 Funding: \$236,000

FY 2011 President Budget Request Level: 0

Member's FY 2011 Funding Request: \$1,440,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

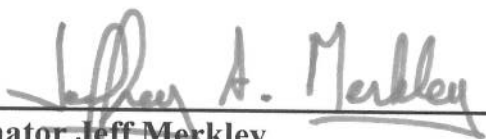
Number of Jobs Created: 75

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Round Top 9-1-1 Tower Energy Efficiency

Project Recipient Name: Washington County Consolidated Communications Agency (WCCCA-911)

Phone Number: 503.690.4911

Address: 7911 NW Evergreen Parkway, Beaverton, Oregon 97006

Project Location (if different from above): Round Top Mountain cell tower

Project Purpose: This project will provide increased reliability for vital public safety communications, reduced operating costs, and dramatic environmental benefits. Construction of this project could begin immediately upon receipt of funding. Funds will be spent for construction, materials (wire, vaults, transformers), and labor. Without federal assistance, completing this important investment will require an increase in membership dues from local governments and public safety agencies whose budgets have already been significantly impacted by Oregon's economic downturn.

Project Benefit to the Taxpayer: This project will increase reliability for vital public safety communications, reduce operating costs, and have dramatic environmental benefits. The two diesel generators consume nearly 6,500 gallons of diesel fuel each year at a cost of approximately \$13,000. Maintenance expenses and keeping the site accessible during the winter months requires an annual budget of more than \$32,000. Equally important, converting from diesel to electric power reduces the CO₂ emissions from approximately 72 tons per year to only 0.518 tons per year.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: N/A

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$250,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Public

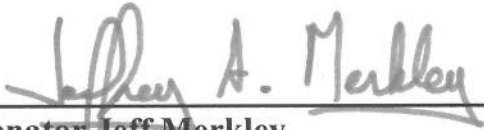
Number of Jobs Created: This project will create the following jobs: a crew of 6 construction workers and 1 supervisor for a period of 2.5 months; Western Oregon Electric Cooperative will employ 3 workers and 1 supervisor for a period of approximately 1 week; and 1 to 2 engineers will support this work over the 2 to 3 month period providing overview and advisory support as well as inspection.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Solar Panels for Confederated Tribes of Siletz Indians (CTSI) Administration Building

Project Recipient Name: Confederated Tribes of Siletz Indians (CTSI)

Phone Number: Ms. Brenda Bremner, General Manager, (541) 444-8204

Address: 201 SE Swan Avenue, Siletz, Oregon 97380

Project Location (if different from above): 297 SE Swan Avenue, Siletz, Oregon 97380

Project Purpose: Solar panels will be installed on the south-facing roof of the existing Confederated Tribes of Siletz Indians' Administration Building. The solar panels will generate enough electricity to provide for 21% of the power currently used in the building, up to 59,000 kw/year. Additionally, education about renewable energy and energy efficiency will be provided. The system has already been designed.

Project Benefit to the Taxpayer: This project creates jobs, is a demonstration project to showcase solar success in a rural environment near the Oregon Coast; reduces fossil fuel emissions, reduces production of green house gases and reduces consumption of electricity from the grid while improving energy efficiency in Tribal buildings and future Tribal housing projects.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$420,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Tribal Government

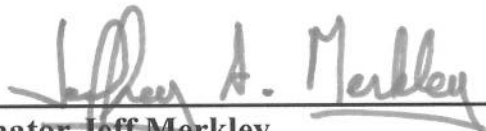
Number of Jobs Created: 3

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: City of Wheeler Waterfront Dredging Project

Project Recipient Name: City of Wheeler

Phone Number: 503-368-5767

Address: 775 Nehalem Boulevard, Wheeler, Oregon 97147

Project Location (if different from above): City of Wheeler Water Front, Nehalem Bay

Project Purpose: The project will dredge approximately 400 feet of waterfront or 9350 cubic yards of material, located at the City of Wheeler, in order to reclaim commercial and recreational areas lost to silt build-up over a number of years. Currently during low tides, approximately half of the boat slips at the waterfront are unusable because the docks are resting in the tide mud.

Project Benefit to the Taxpayer: This project is a large step towards revitalizing the City of Wheeler's commercial area and supplying a much-needed economic stimulus to north Tillamook County. By doubling the number of boat slips available in Wheeler, the City expects a proportional increase in boating related tourism and water related activities. By dredging the waterfront, the marinas could accommodate an additional 45 boat moorages. This increase in water related activities will increase the use of restaurants, hotels, and tourist related shops. The increased use of the waterfront area in Wheeler will also have a positive impact on the entire north Tillamook area, devastated by the economic downturn. The cost of the project is \$32.80 a cubic yard of material removed and will provide complete water front usage for at least three decades. The cost for dredging each moorage over the design life of the project is approximately \$227.00 per year. The project would bring many times the value of the investment back into the City of Wheeler and the north Tillamook area.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable Operations and Maintenance

FY 2010 Funding: N/A

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$306,600

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

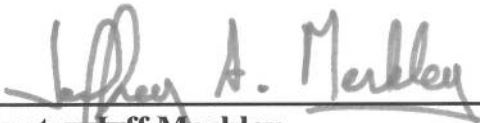
Number of Jobs Created: This project would provide an estimated five jobs in Wheeler but no estimate outside Wheeler. This project will create jobs in the north Tillamook County area but a good estimate of how many is not possible. The project will create a minimum of one job at the marinas to maintain the boat slips and docks. Two additional jobs at the restaurants in Wheeler and two jobs created at the Hotels and Motels in the City.

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Tillamook Bay and Bar

Project Recipient Name: Port of Garibaldi

Phone Number: (503) 322-3292

Address: 402 South Seventh St.
P.O. Box 10
Garibaldi, Oregon 97118

Project Location (if different from above): Same

Project Purpose: The funding requested would be used to repair and restore the Tillamook Bay jetties. The north and south jetties at the entrance to Tillamook Bay have experienced damage to the jetty heads, trunks and north jetty root. A recent apparent increase in the Pacific Ocean wave climate has exposed both jetties to more extreme storm waves, particularly the south jetty, which is more exposed to southwesterly storm events. In addition to the increased concern regarding jetty stability, there is concern that further recession of the jetty heads will contribute to already hazardous navigation conditions over the ebb tidal shoal or bar. Funds will allow the U.S. Army Corps of Engineers to continue the restoration and repair of this jetty system. Construction is currently underway to repair the north jetty. The funding requested here would allow the Corps to conduct a survey of the south jetty, and to produce the plans and specifications for the coming repairs.

Project Benefit to the Taxpayer: This project will repair the federal jetties, and will protect the federal channel.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$48,000

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$600,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

Number of Jobs Created: 31

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Drift Creek Reservoir Project

Project Recipient Name: East Valley Water District

Phone Number: 503-763-1833

Address: P.O. Box 1046, Mt. Angel, Oregon 97362

Project Location (if different from above): Off Drift Creek, a tributary of the Pudding River, Marion County, Oregon, approximately 12 miles southeast of Silverton, Oregon

Project Purpose: The intent of the project is to provide a stable water supply for high value crops grown on 15,000 acres of prime farmland in the Willamette Valley, Oregon. Conditional “time-limited” permits and temporary transfers for the use of water currently delivered to the farms don’t provide long-term stability and those rights must be replaced with a permanent water supply. The stored water will relieve pressure in the three limited groundwater areas (designated by the Oregon Water Resources Department) in the district’s service area. Funds will be used to conduct preliminary studies to affirm 401 permit conditions and engineering analyses.

Project Benefit to the Taxpayer: The storage project will provide a source of water for irrigation of high-value vegetable and other crops that will allow the farmers in the area to maintain their cost-effective operations and support the food processing industry located in the basin, maintaining low cost food production for the public. In addition mitigation will provide removal of smaller off-site dams on other tributaries that currently block migration flows. Some of the stored water will benefit fish in the basin by stabilizing instream flows and lessening water temperature to improve water quality through cooler water releases. Storage becomes even more critical to the public to help lessen the impact of climate change.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): GI

FY 2010 Funding: 0

FY 2011 President Budget Request Level: 0

Member's FY 2011 Funding Request: \$1,000,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): local government, irrigation district formed under Oregon Revised Statutes, Chapter 545

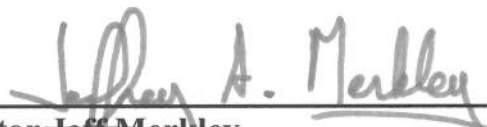
Number of Jobs Created: 11 direct in the scope of work; however, the reservoir itself would provide supplemental water supply for farmers in the Silverton, Oregon, area and could provide An additional approximately 93 jobs on local farms and in the local food processing plants and nursery operation and sales businesses that provide secondary processing; and additional jobs will be maintained or increased as the produce moves through the market system and into the retail outlets. However, if farmers do not have a continuing supply of water available, they will lose entire businesses. An example was that with the economic downturn recently just one nursery operation had to lay off 160 of 400 workers. Without water supply, there would have been a loss of most of the 400 employees.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Yaquina Bay ACOE Operations and Maintenance

Project Recipient Name: Port of Newport

Phone Number: 541-469-2218

Address: P.O. Box, Brookings, Oregon 97415

Project Location (if different from above): N/A

Project Purpose: Funds will be used by the Army Corps to perform routine dredging and operations and maintenance in order to keep the Port functioning.

Project Benefit to the Taxpayer:

Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: Received \$1,701,000

FY 2011 President Budget Request Level: \$1,786,000

Member's FY 2011 Funding Request: \$1,986,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

Number of Jobs Created: 6 to 10 skilled personnel for the duration of the project.

New Study or Construction Start (Y/N): N

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending item(s) that I have requested, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate for the following bill(s): Energy and Water Development Appropriation

FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Oyster – Wave Energy System for Oregon

Project Recipient Name: Central Lincoln People's Utility District

Phone Number: 541-574-2004

Address: P.O. Box 1126, 2129 N. Coast Highway, Newport, Oregon 97365

Project Location (if different from above): Douglas, Coos, Lane and/or Lincoln counties

Project Purpose: Central Lincoln People's Utility District, with 120 miles of shoreline coverage along the Pacific Ocean, proposes to develop a limited demonstration project which focuses on stakeholder input and environmental studies before installation of an already ocean-tested, near-shore power generation device. This project will demonstrate the third (and potentially fourth) generation devices that will incorporate technological advances developed from the original proof-of-concept device now in operation in Scotland and subsequently installed prototype devices. This near-shore, wave energy device, created by Aquamarine Power, was officially launched in Orkney, Scotland in 2009 as the world's largest working hydro-electric wave energy device. The proposed project is a unique partnership between Central Lincoln PUD and Aquamarine Power that uses a near shore (i.e. 30 to 55 feet in average water depth) mechanical hinged device in the Pacific Ocean that moves with the passing of waves. The energy from the waves drives high pressure water via a closed-loop system to an onshore hydro-electric Pelton wheel generator that can be easily maintained from land. The Oyster's excellent power-to-weight ratio enables its annual average power output to be competitive with devices that weigh up to five times more. A single cluster of three (3) Oyster II devices has the capability to produce up to 2.5MWs. The CLPUD/Aquamarine systems are expected to operate efficiently and cost-effectively under most wave conditions. Therefore, this system is expected to provide reliable electric power along the world's shorelines, starting with Oregon's.

Project Benefit to the Taxpayer: The federal government is required to purchase at least 7.5% of its energy needs from renewable sources by 2013. Oregon also has a Renewable Portfolio Standard that requires increased purchases of new renewable energy in the coming years—for Central Lincoln, that is 10% of total electric sales in 15 years. Consequently, the Department of Energy has been developing technologies to convert wave and tidal energy into electricity. This project will support those efforts by developing and showcasing wave generation facilities for the power industry in Oregon.

CLPUD and Aquamarine Power anticipate that the project will create 108 jobs over the three

phases of the project, with hundreds of more jobs when commercialization of the Oyster III (or IV) devices occurs. The project will provide a non-polluting, quiet source of renewable electric power which will help meet Oregon's Renewable Portfolio Standard of 25% by 2025. Finally, this project will help position Oregon as a leader in the ocean renewable energy industry as all of the fabrication work for the project will be performed by Oregon businesses, giving them a crucial head-start in efficient production methods for wave generation devices.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$1,980,500

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Central Lincoln People's Utility District is a publicly-owned, not-for-profit, electric utility that serves the Oregon Coast. Central Lincoln is the fourth-largest electric utility in Oregon, serving some 83,000 Oregonians in four counties. Central Lincoln's District spans some 700 square miles.

Number of Jobs Created: Over the three phases of the project, 108 jobs are expected to be created:

- 16 Direct jobs (management, engineering, site development, outreach)
- 74 Subcontractor jobs (OR manufacturing, engineering, deployment, O&M)
- 18 Indirect jobs (OR contracts for all aspects of the project)
- Hundreds of more jobs will be created when commercialization of the Oyster devices occurs.

New Study or Construction Start (Y/N): Y

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Depot Slough ACOE Operations and Maintenance

Project Recipient Name: Port of Toledo

Phone Number: 541-336-5207

Address: 385 NW 1st Street, Unit 1, Toledo, Oregon 97391

Project Location (if different from above): N/A

Project Purpose: Funding will be spent on a project condition survey, as listed in the Army Corps's Portland District capability.

Project Benefit to the Taxpayer: Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$12,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

Number of Jobs Created: ACOE operations and maintenance will create 6 to 10 skilled personnel for the duration of the project.

New Study or Construction Start (Y/N): N

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Depoe Bay ACOE Operations and Maintenance

Project Recipient Name: Port of Depoe Bay

Phone Number: 541-765-2633

Address: P.O. Box 899, Depoe Bay, Oregon 97341

Project Location (if different from above): N/A

Project Purpose: Funds are requested for removal of silt collected behind ACOE constructed check dam. The check dam is located on South Depoe Creek which flows into Depoe Bay harbor. The check dam was constructed by the Army Corps of Engineers to stop/slow silt from the creek entering the harbor in an effort to alleviate frequency of harbor dredging. Also, removal of silt collected behind the check dam before it enters the harbor is considered to be a more efficient method. In the past, the Corps has cleaned out silt from behind the check dam with every other harbor dredging activity (approximately every ten years). The last time the silt was cleaned out was in 1996-97 and now the pond behind the dam is nearly full of built up silt material. It is our understanding that this activity had been suspended due to lack of funding in the Corps budget, but with a funding allocation the Corps would conduct the work.

Project Benefit to the Taxpayer: Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$112,000

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$166,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

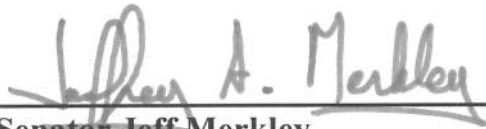
Number of Jobs Created: 6 to 10 skilled personnel for the duration of the project

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Vernonia Sustainable Schools

Project Recipient Name: Vernonia School District

Phone Number: (503) 429-5891

Address: 475 Bridge Street
Vernonia, Oregon 97064
ATTN: Dr. Kenneth Cox, Superintendent

Project Location (if different from above): Spencer Park at Missouri Avenue, Vernonia, Oregon 97064

Project Purpose: After the devastating flood of December 2007, all of Vernonia's schools were filled with tainted water from the nearby sewage facility, destroying most of the facilities. Since that time, more than 700 students have been displaced into nearby minimally repaired buildings and modular classrooms still located in the floodplain and vulnerable to flooding. The cost to repair and insure these schools in the new federally designated floodplain is prohibitive, leaving Vernonia in the unprecedented position of having to rebuild an entire school district, grades K-12. The new K-12 complex will integrate green practices including energy efficiency and sustainable technologies. The school will serve as a showcase for energy efficiency and sustainable technology in an educational environment. It will incorporate demonstration and educational features as well. The 150,000 square foot facility will house the Vernonia School District's schools, K-12. The school will be the first LEED Platinum certified public K-12 building in Oregon and perhaps the country. Utilizing "whole building" technology, the school will incorporate a variety of efficient and sustainable technologies such as high-efficiency lighting, highly efficient windows and skylights, ground source energy & radiant floor distribution, demonstration-scale biomass boiler, rainwater harvesting & graywater re-use, and sustainable materials & finishes.

Project Benefit to the Taxpayer: Use of energy efficient and sustainable technologies will reduce energy consumption at the school by as much as 50 percent, thus reducing costs to the taxpayer. In addition, as the first LEED Platinum K-12 school in Oregon and perhaps the country, the school will serve as a showcase for energy efficiency and sustainable technologies in an educational environment.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$1,475,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government (School District)

Number of Jobs Created:

Short Term: 38 pre-construction FTE + 298 construction FTE = 336 FTE TOTAL;

Long Term: 7 teacher FTE + 3 maintenance FTE = 10 FTE TOTAL

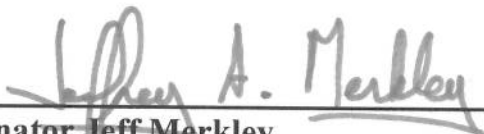
In addition, the Vernonia Schools are the largest employer in the area with close to 80 staff, including 46 licensed teachers. The numbers above reflect new jobs created.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Columbia River Jetties

Project Recipient Name: Columbia River Channel Coalition

Phone Number: Laura Hicks, Project Manager - 503-808-4705

Address: P.O. Box 2946, CENPP-PM, Portland, Oregon 97208-2946

Project Location (if different from above): Mouth of the Columbia River – North & South Jetties, Pacific County, Washington & Clatsop County, Oregon

Project Purpose: The U.S. Army Corps of Engineers maintains three rubble-mound jetties at the Mouth of the Columbia River. These structures not only accelerate the flow of the river, helping maintain the depth and orientation of the navigation channel, they also provide a safe entrance/exit for commercial and recreational vessels of all sizes crossing the Columbia River. The 6.9-mile South Jetty was constructed between 1885 and 1913. The 2.5-mile North Jetty was built in 1914-17. The one-mile Jetty “A” was constructed in 1938-39. Frequent and large storms over the past few years have accelerated wave damage to the Jetties, thereby risking navigational safety. Although they are still performing their function of keeping the navigation channel at its authorized depth, outer sections of the Jetties have completely eroded, other sections have been at risk of breaching, and receding beaches have exposed greater portions of the Jetties to wave damage. If either the North Jetty or the South Jetty breaches, sand would fill and restrict shipping in the Columbia River Federal Navigation Channel, essentially shutting down commercial and recreational navigation at the mouth of the Columbia River and requiring very expensive emergency measures to repair the Jetty and restore the channel depth.

The proposed rehabilitation work would prevent future failures that may prevent the jetties from performing their functions. After 2 years of careful study and analysis, the Corps recently completed their major rehabilitation report recommending construction of this project. This project has been carefully evaluated to avoid negative environmental impacts and ensure mitigation by the U.S. Army Corps of Engineers and will be completed in multiple phases over the next 20 years.

Project Benefit to the Taxpayer: Rehabilitating the Columbia River Jetties is fundamentally important in maintaining a vibrant inland navigational system for Washington and the entire Pacific Northwest. This project will ensure continued vibrant commercial shipping operations as well as safe commercial and recreational navigation across the Columbia River Bar.

Regionally, approximately \$16 billion in imports and exports are shipped on the Columbia River

each year (e.g. exported frozen potatoes, vegetables and paper products and imported footwear and apparel). The Columbia River is the single largest wheat and barley export gateway in the U.S. and the third largest gateway for grain (wheat, corn, soybeans, and barley) in the world. Exporters from Oregon, Washington, Idaho, Montana, and the Midwest rely on the Columbia River for commerce. In addition, this project has been carefully evaluated to avoid negative environmental impacts and ensure mitigation by the US Army Corps of Engineers. The Corps has advised that if the jetties are not invested in now, the ongoing maintenance required will increase and ultimately will cost more over the years than funding this rehabilitation project. Since these structures were first constructed over 100 years ago, we anticipate decades of effective service.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$12,100,000

FY 2011 President Budget Request Level: \$12,850,000

Member's FY 2011 Funding Request: \$21,100,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): The Columbia River Channel Coalition is a non-profit organization requesting funds for the US Army Corps of Engineers, Civil Works Program.

Number of Jobs Created: We don't have Oregon specific numbers; however, the Corps estimate approximately 40,000 regional jobs with an average annual wage of \$46,000 are generated by the Columbia River maritime industry. An additional 59,000 jobs are positively influenced. Regionally, approximately \$16 billion in imports and exports are shipped on the Columbia River each year (e.g. exported frozen potatoes, vegetables and paper products and imported footwear and apparel). The Columbia River is the single largest wheat and barley export gateway in the U.S. and the third largest gateway for grain (wheat, corn, soybeans, and barley) in the world. Exporters from Oregon, Washington, Idaho, Montana, and the Midwest rely on the Columbia River for commerce. As a result, the jobs are wide ranging from farmers, truckers, railroad, long shore, logistics, fishermen, exporters, importers, bar and river pilots, shipping companies, and international logistics companies. Even jobs at the federal level such as CBP and Immigration are impacted.

New Study or Construction Start (Y/N): Y

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Coastal Data Information Program: Waves and Beaches

Project Recipient Name: Scripps Institution of Oceanography

Phone Number: 858-534-4849

Address: 9500 Gilman Drive, 0210, La Jolla, California 920930-0210

Project Location (if different from above): CDIP wave data serve the US West and East coasts, the Hawaiian Islands, the Caribbean, and Guam.

Project Purpose: The Coastal Data Information Program (CDIP) measures, models and forecasts waves in Oregon and along the U.S. west and east coasts, the Hawaiian Islands, the Caribbean, and Guam, and disseminates the results in real-time to the National Weather Service and to more than 80,000 users per day via the website (<http://cdip.ucsd.edu>). This proposal would expand CDIP's buoy coverage to areas of critical need. This includes additional buoys in coastal Oregon. Funded by the U.S. Army Corps of Engineers, CDIP is a critical source of information for that agency in its coastal projects. Wave data from CDIP's Umpqua and Clatsop Spit buoys – located just outside of Coos Bay and at the Mouth of the Columbia River, respectively – are broadcast in near real-time, providing timely information on ocean conditions for the marine community at large. The Clatsop Spit buoy was deployed in fall 2009. If this wave data were not provided, life and property would be at risk. CDIP's wave data is accessed on a regular basis by thousands of fishermen, coastal engineers, boaters, bar pilots, harbor masters, lifeguards, divers and recreational ocean users in Oregon and around the country for accurate and timely wave data that ensures maximum marine safety. Based on CDIP data, the National Weather Service issues sea state and surf warnings to protect life and property; the U.S. Navy determines safe times for ships to enter ports; and the U.S. Geological Survey conducts research on coastal erosion issues. CDIP's Oregon buoys provide critical wave information for mariners in the region that enhances their safety and the efficiency of their operations.

Project Benefit to the Taxpayer: CDIP wave information increases the safety of marine operations in Oregon and around the country; informs effective coastal management; and serves as a baseline for coastal climate change adaptation.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General

Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): ACOE – OM: Army Corps of Engineers, Operations and Maintenance

FY 2010 Funding: \$897,000

FY 2011 President Budget Request Level: \$3,000,000

Member's FY 2011 Funding Request: \$2,000,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): University

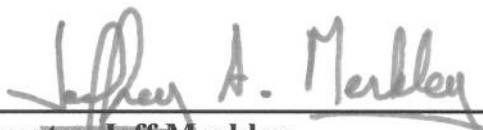
Number of Jobs Created: This appropriation would preserve 18 jobs and create 1 new job at the CDIP program offices. In addition, CDIP is essential to the livelihood of the maritime community in Oregon and across the nation by making mariners' jobs safer and more efficient. CDIP also contracts with local companies around the country for field operations, including buoy recovery and deployment.

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Barry Well Geothermal District Heating System

Project Recipient Name: Town of Lakeview

Phone Number: (541) 947-2029

Address: 525 North 1st Street, Lakeview, Oregon 97630

Project Location (if different from above): 17082 Hwy 395, Lakeview, Oregon 97630

Project Purpose: The Town of Lakeview is ready to develop a geothermal district heating system using a known geothermal source, which will provide geothermal heat for the Lake District Hospital and Long Term Care Nursing Facility, all four Lakeview School District 7 facilities, and the Lake County Industrial Park. The project includes a production well, reinjection well, all of the delivery piping, control systems and retrofit needs of the school facilities. The town has prepared a feasibility study of this project based on using geothermal water from this well. Attempting to use the old well in the new system would allow a weak link and lead to untimely failure at which time a new well would be required.

Project Benefit to the Taxpayer: This project will reduce the operating costs of the School District and Hospital (the hospital operates as a taxing district). It will free up existing funds to use in education and health care. It will use “green” energy to improve the air quality of the Lakeview non-attainment area by removing at least 85,000 gallons of fossil fuel use. It will provide a source of income to the Town of Lakeview to use to develop additional geothermal projects. It will provide efficient and less expensive energy for commercial and industrial development potentially resulting in new private sector investment and jobs.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable: EERE

FY 2010 Funding: None

FY 2011 President Budget Request Level: N/A

Member’s FY 2011 Funding Request: \$1,900,000

Type of Entity: Local Government

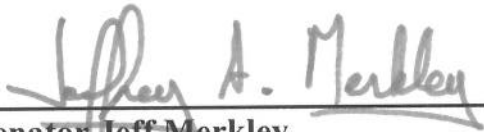
Number of Jobs Created: 15 during construction and 1 full time position to operate and maintain the system. There will likely be additional employment at the hospital and schools from redirecting the energy savings. There is a strong potential of private sector employment in the industrial park.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: OIT Geothermal Power Generation Plant

Project Recipient Name: Oregon Institute of Technology (OIT)

Phone Number: (541) 885-1112

Address: 3201 Klamath Falls, Oregon 97601-8801

Project Location (if different from above): same

Project Purpose: Federal funds would enable OIT to construct a new high efficiency geothermal power plant on the campus. The power plant would use geothermal water from a 5,000 plus foot deep geothermal well to generate approximately one megawatt (MW) of electricity. New technology developed from this power plant is expected to improve the efficiency and reliability of low temperature geothermal power plants throughout the West. Technical support for construction and operations would be provided by OIT's Geo-Heat Center. The site would serve as a demonstration and educational training facility for OIT students and faculty. The students, mainly electrical, computer and mechanical engineering majors, but to a lesser extent business students, would be involved in instrumenting and monitoring the plant. These data would be used to calculate efficiencies, operational costs, and investment return. Material on the plant operations would be included in appropriate courses, especially those in the new Renewable Energy Engineering program. Research projects would be funded from the savings and income generated from the plant. This would make OIT students more competitive in the business world, especially in the renewable energy market.

Project Benefit to the Taxpayer: The power plant, along with its companion low-temperature (approximately 200 kW) binary plant would become a demonstration site and pilot project for potential users or developers throughout the region and the country. This one-of-a-kind project could contribute to distributed energy, especially in rural areas where transmission lines are lacking or undersized to provide energy from larger and remote power plants. The Geo-Heat Center staff would provide the tours, information, training, and technical assistance necessary to promote the use of geothermal electric power in the region and across the country.

A realistic laboratory will be available for engineering students, public officials, technicians and engineers to study, gather data and report their findings, and the Geo Heat Center will also make all data available to other potential users. This information would be disseminated through a Quarterly Bulletin and website located at: <http://geoheat.oit.edu>. In keeping with the purpose of the Geo Heat Center, we want to encourage the transfer of knowledge and similar equipment

elsewhere in the State and the country.

Agency: Department of Energy

Program Account Name and sub account if applicable: EERE

FY 2010 Funding: \$1,000,000

FY 2011 President Budget Request Level: NA

Member's FY 2011 Funding Request: \$1,100,000

Type of Entity: University

Number of Jobs Created: 18 jobs.

1 permanent Co-Generation Engineer to maintain and operate the power plant.

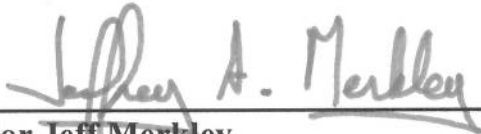
17 temporary construction jobs for the installation of the power plant; the temporary jobs include 3 plumbers; 2 electricians, 4 mechanical; 5 excavators; 2 engineers; and 1 project manager

New Study or Construction Start (Y/N): No



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Klamath County Agricultural Energy Center

Project Recipient Name: Klamath County

Phone Number: (541) 884-4167 x34 (Dan Golden, coordinate, Klamath County Renewable Energy Working Group)

Address: 3331 Vandenberg Road, Klamath Falls, Oregon 97603

Project Location (if different from above): Oregon State University - Klamath Basin Research and Extension Center, 6941 Washburn Way, Klamath Falls, Oregon 97603

Project Purpose: Klamath County requests funds to build the Klamath County Agricultural Energy Center on the grounds of the Oregon State University - Klamath Basin Research and Extension Center (OSU-KBREC). A county department with OSU faculty, OSU-KBREC is the Klamath Basin's leading agricultural experiment and extension farm located on 86 acres at the edge of Klamath Falls. The entire 86 acre farm is county-owned property. The Klamath County Agricultural Energy Center will be a hands-on demonstration site for renewable energy projects, such as solar electric irrigation pump technologies, solar hot water applications, anaerobic digester energy systems, wind energy, ground source heat pumps, low-head hydroelectric generation, and bio-fuel powered farm equipment. The center will also provide a laboratory to certify newly developed renewable energy applications and bio-products processing techniques for value-added opportunities as they become applicable to agricultural markets. Once the energy center is built, Klamath County will partner with OSU-KBREC and the Oregon Institute of Technology (OIT) to develop ongoing programs. More than 70 OIT renewable energy engineering students are currently studying at OIT's main campus in Klamath Falls. Funds will be used for building materials, 25 construction workers, 20 energy systems installers, and 3 staffers, a total of 48 jobs created.

Project Benefit to the Taxpayer: The Klamath County Agricultural Energy Center (AEC) will create efficiencies in agricultural applications affecting water and power use. The AEC will certify emerging energy technologies and processing techniques for bio-products applicable to the regional economy. The AEC will promote conservation and economic development to mitigate conflict among KBRA stakeholders. In the past, regional conflicts over water and power have added litigation and crisis management costs to communities and local, state, and federal government agencies.

Agency: Department of Energy

Program Account Name and sub account if applicable: EERE

FY 2010 Funding: None

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$1,980,500

Type of Entity: Local government

Number of Jobs Created: 48 jobs – 45 construction/installation, and 3 for program development.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Port of Morrow Steam Energy Line

Project Recipient Name: Port of Morrow

Phone Number: (541) 481-7678

Address: P. O. Box 200, Boardman, Oregon 97818

Project Location (if different from above): Port of Morrow East Beach Industrial Park

Project Purpose: To utilize the steam by-product of a nearby gas-fired power plant to run the processing equipment at a food processing facility, thus eliminating the need for the food company to produce the steam with its oil boiler. Funds will help the Port construct approximately 4,000 feet of high-pressure steam line to deliver steam energy to a processing plant from gas-fired power plant.

Project Benefit to the Taxpayer: By allowing the food processing facility to operate more cost efficiently, 450 jobs will be maintained in an economically depressed region, and by utilizing the by-product of a gas-fired power plant in place of steam produced by an oil boiler, there will be a reduction of greenhouse gasses emitted into the atmosphere.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding:

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$600,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government - Port District

Number of Jobs Created: 20 construction jobs, 450 jobs maintained at Con Agra Lamb Weston

New Study or Construction Start (Y/N): Yes

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending item(s) that I have requested, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate for the following bill(s): Energy and Water Development Appropriation

FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Willow Creek Piping Project

Project Recipient Name: Vale Oregon Irrigation District

Phone Number: (541) 212-9378

Address: 521 “A” Street West, Vale, Oregon 97918

Project Location (if different from above): Within Vale Oregon Irrigation District boundaries, throughout 35,000 acres adjacent to Willow Creek and the Malheur River.

Project Purpose: The lower Malheur and Willow Creek drainages are an area of intensive agricultural production in Eastern Oregon. This proposal will focus on the 35,000 acres adjacent to Willow Creek and the Malheur River. Funds will be used to pipe irrigation laterals in the Willow Creek and Malheur River basin. Since Malheur County ranks 34th of the 36 counties in Oregon for per capita income, this project will provide much needed jobs and opportunities for local businesses. The construction phase of the project alone will last four years. The Oregon Department of Environmental Quality (DEQ) ranks the lower Malheur River and Willow Creek as having the second and third worst water quality in the state, and both are tributaries of the Snake River. Farming practices cause these drainages to receive excessive levels of sediment, nutrients, and E.coli, primarily from irrigation-return flow. Piping these laterals creates economic benefits, environmental improvements, reduces electricity and fossil fuel requirements, improves habitat for Federally listed fish species, and conserves water.

Project Benefit to the Taxpayer: This proposal addresses watershed conservation priorities including reducing energy requirements, and improving water quality and quantity. Piping laterals facilitates conversion to sprinklers, reduces the need for hydro-power, reduces tillage and fuel usage, conserves water, improves fish habitat, and benefits the local economy.

Agency: Bureau of Reclamation

Program Account Name and sub account if applicable: WWR

FY 2010 Funding: None

FY 2011 President Budget Request Level: N/A

Member’s FY 2011 Funding Request: \$3,962,000

Type of Entity: Local government

Number of Jobs Created: 35

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Blue Mountain Hospital Wood Pellet Boiler Project

Project Recipient Name: Blue Mountain Hospital

Phone Number: 541-575-4151

Address: 170 Ford Road, John Day, Oregon 97845

Project Location (if different from above):

Project Purpose: The hospital has two 1950 boilers that burn crude oil as its main heating source, with a more modern 2002 heating fuel boiler as backup. Depending on the cost of oil, annual costs can range between \$90,000 and \$120,000. The hospital plans to install a biomass wood pellet boiler system that will reduce fuel costs by as much as 50 percent each per year. The cost savings can be used to offset the free/uncompensated/charity care for those who are unemployed, low income, and elderly in Grant County.

Project Benefit to the Taxpayer: The benefit to the taxpayer is that the payback for this project in cost savings to the hospital is approximately five years. It is more environmentally friendly than the current crude oil boilers and will be one of the first end-users of a newly built, job creating pellet-manufacturing plant in Grant County.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY2009 Funding: \$0

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$100,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Not-for-Profit

Number of Jobs Created: 0

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Confluence Project – Celilo Park Improvements

Project Recipient Name: Confluence Project

Phone Number: 503-710-5413

Address: P.O. Box 42243, Portland, OR 97242

Project Location (if different from above): Celilo Park is 11 miles east of The Dalles and in the Columbia Gorge National Scenic Area. It is located on the north side of I-84 – across from Celilo Village.

Project Purpose: This project would upgrade existing restrooms located in the future camping area with one shower each for the women and men and ADA accessibility, including an upgraded drain-field to account for additional water usage, similar to the adjacent treaty fishing site drain-field. It would also add a camp loop road which would consist of a one way loop road off of the main entrance road; it would be an approximately 15-foot wide paved roadway with 15-foot wide turn-outs ranging from 20 feet to 40 feet long. This will allow for a variety of user access from the single car camper to the larger motor-home and the vehicle with a trailer.

Project Benefit to the Taxpayer:

Wasco County has the most historic, culturally significant site at Celilo Park. Celilo Park has had no significant improvements in more than 50 years. The project will compliment and complete the work that has been accomplished at Celilo Village – just south of I-84. With the addition of the Confluences artwork, the park will be further segregated with visitors expecting different experiences. Park users will mainly be in four categories: 1) Fishermen for access to boat ramp and parking of their vehicle and trailer; 2) Windsurfer camping and occasional over-night camping/parking; 3) The wayside visitor for brief stops off of I-84; 4) The new visitor to experience the Confluence Artwork. The work at Celilo Park will be an investment in the community of The Dalles and the Columbia River Basin by creating: an environmental and cultural sense of place, local community and economic development, regional identity and tourism, and the creation of educational opportunities.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$2,500,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Private, non-profit

Number of Jobs Created: Currently, two staff have been hired to direct the project. During planning and construction, there will be significantly more.

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Crooked River Wetland Facility

Project Recipient Name: City of Prineville

Phone Number: (541) 447-2357

Address: 387 NE 3rd Street, Prineville, Oregon 97754

Project Location (if different from above): Within the city of Prineville, along the Crooked River

Project Purpose: The proposed project is located within the urban growth boundary of Prineville, Oregon, rural Crook County's only incorporated city. Due to rapid population growth, the City of Prineville's wastewater treatment system is nearing capacity and as a result, the city has a limited ability to serve new business or residential developments. The city needs to act quickly to ensure sufficient wastewater treatment capacity. The city has recently begun the process of updating the wastewater facilities plan. This facility plan is researching an alternative treatment option that would be far less costly while providing equivalent wastewater treatment. The facility plan will analyze the feasibility of a natural wetland system for wastewater treatment and create a new wastewater master plan based on the development of a wetland system. This wetland technology would allow for the continued utilization of the city's lagoon systems for treatment. This project will consist of the wetland facility design, permitting and engineering services required to develop the construction documents and bid specifications related to the construction of the wetland facility.

Project Benefit to the Taxpayer: This project is a good use of taxpayer funds as it creates a solution to a very large economic issue that...

- is environmentally sensitive
- increases wildlife habitat
- increases public access to unique ecosystems
- reduces system development charges substantially
- reduces monthly rates
- increases disposal capacity of the wastewater treatment plant to serve the build out of the UGB

Agency: Bureau of Reclamation

Program Account Name and sub account if applicable: WRR

FY 2010 Funding: None

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$180,000

Type of Entity: Local Government

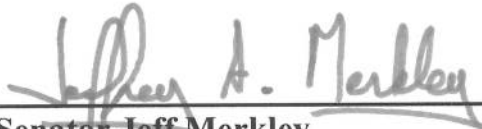
Number of Jobs Created: None

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Coos Bay Dredging & Jetty Repair

Project Recipient Name: Oregon International Port of Coos Bay

Phone Number: 541-267-7678

Address: 125 Central Ave, Suite 300, Coos Bay, Oregon 97420

Project Location (if different from above): N/A

Project Purpose: Maintenance dredging is essential if the Port is to continue to serve the vessels and barges currently calling at Coos Bay. In 2003, emergency repair of the North Jetty was undertaken, but a study is needed to assess the severity of ongoing erosion and how best to permanently fix the Jetty. Repair of the jetty is essential, as a significant breach would have major impacts on navigation and would prohibit any useful function of the jetty. Funds will be used to conduct maintenance dredging, and develop a jetty evaluation report & initiation of plans & specs.

Project Benefit to the Taxpayer: This project maintains the regional transportation system. The region's economy is highly dependent on export of forest products, principally woodchips and logs. Finished lumber is marketed nationally and internationally. Additionally, with the construction of the LNG import facility, the nation's energy needs will be supplemented by this project.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$4,904,000

FY 2011 President Budget Request Level: \$4,697,000

Member's FY 2011 Funding Request: \$5,791,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): The Oregon International Port of Coos Bay (Port) is an Oregon Special District

authorized under Oregon Revised Statute 777 and, as such, is classified as an Oregon municipality. The five-member Board of Commissioners is appointed by the Governor and confirmed by the State Senate.

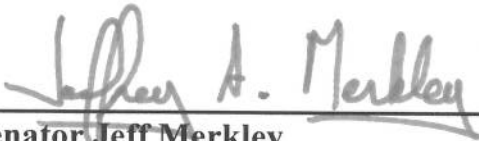
Number of Jobs Created: Temporary construction jobs created: 20
Maritime jobs retained: 1,063

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Umpqua River ACOE Operations and Maintenance

Project Recipient Name: Port of Umpqua

Phone Number: 541-271-2232

Address: 364 North 4th Street, P.O. Box 388, Reedsport, Oregon 97467

Project Location (if different from above): N/A

Project Purpose: Funding will be spent on Army Corps operations and maintenance for routine annual dredge operations and clamshell dredging Winchester Bay access channels.

Project Benefit to the Taxpayer: Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$1,116,000

FY 2011 President Budget Request Level: \$800,000

Member's FY 2011 Funding Request: \$1,296,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

Number of Jobs Created: 6 to 10 skilled personnel for the duration of the project

New Study or Construction Start (Y/N): N

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Port Orford ACOE Operations and Maintenance

Project Recipient Name: Port of Port Orford

Phone Number: 541-332-7121

Address: P.O. Box 490, Port Orford, Oregon

Project Location (if different from above): N/A

Project Purpose: Funding will be spent on Army Corps operations and maintenance for annual dredging needed for safe transit of commercial and recreational vessels.

Project Benefit to the Taxpayer: Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$38,000

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$810,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

Number of Jobs Created: 6 to 10 skilled personnel for the duration of the project

New Study or Construction Start (Y/N): N

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Chetco River ACOE Operations and Maintenance

Project Recipient Name: Port of Brookings Harbor

Phone Number: 541-469-2218

Address: P.O. Box, Brookings, Oregon 97415

Project Location (if different from above): N/A

Project Purpose: Funds will be spent on Army Corps annual dredging of Chetco needed to provide a safe entrance bar for U.S. Coast Guard, commercial fishermen, and recreational users.

Project Benefit to the Taxpayer: Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$864,000

FY 2011 President Budget Request Level: \$586,000

Member's FY 2011 Funding Request: \$586,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

Number of Jobs Created: 6 to 10 skilled personnel for the duration of the project

New Study or Construction Start (Y/N): N

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Rogue River ACOE Operations and Maintenance

Project Recipient Name: Port of Gold Beach

Phone Number: 541-247- 6269

Address: PO Box 1126, 29891 Harbor Way, Gold Beach, Oregon 97444

Project Location (if different from above): N/A

Project Purpose: Funding will be spent on Army Corps operations and maintenance for annual dredging. Dredging is needed for safe transit of commercial and recreational vessels, and dredging for the small boat basin.

Project Benefit to the Taxpayer:

Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): ACOE – Operations and Maintenance

FY 2010 Funding: Received \$736,000

FY 2011 President Budget Request Level: \$579,000

Member's FY 2011 Funding Request: \$911,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

Number of Jobs Created: ACOE operations and maintenance will create 6 to 10 skilled personnel for the duration of the project.

New Study or Construction Start (Y/N): N

Ron Wyden
Senator Ron Wyden

3-25-10

Jeffrey A. Merkley
Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Coquille River ACOE Operations and Maintenance

Project Recipient Name: Port of Bandon

Phone Number: 541-347-3206

Address: P.O. Box 206, Bandon, Oregon 97411

Project Location (if different from above): N/A

Project Purpose: Funding will be spent on Army Corps operations and maintenance to conduct annual dredging activities, develop report for Letter L shaped pile dike, which was supposed to be funded through ARRA, but funding was shifted away from the Port. Additionally, funds will support an engineering evaluation for north and south jetties, which was also supposed to be funded through ARRA, but funding was shifted away from the Port.

Project Benefit to the Taxpayer: Oregon's economic success depends largely on the success of its local ports, which are unable to operate without regular dredging.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Operations and Maintenance

FY 2010 Funding: \$437,000

FY 2011 President Budget Request Level: \$433,000

Member's FY 2011 Funding Request: \$733,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): State government entity

Number of Jobs Created: 6 to 10 skilled personnel for the duration of the project

New Study or Construction Start (Y/N): N

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Ferry Creek Reservoir Repair

Project Recipient Name: City of Brookings

Phone Number: 541-469-1101

Address: 898 Elk Drive, Brookings, Oregon 97415

Project Location (if different from above): Ferry Creek Reservoir

Project Purpose: The project replaces the concrete overflow chute as well as makes improvements to the drain lines that serve the Ferry Creek Reservoir. The use of this reservoir as a salmon rearing and acclimation site for the Chetco River fishery enhances the salmon fishery for the Chetco River and provides valuable resources for regional commercial and recreational fishing. These improvements are needed to allow this facility to continue to be used as a storage reservoir. Oregon Water Resources, Dam Safety Division has determined that both replacement of the concrete overflow chute and improvements to the drain lines that serve the Ferry Creek Reservoir all need to be repaired. This project will improve/restore the fishery, resulting in more fish for recreation, more tourism industry jobs, and additional fishing guides. The project will support approximately 15 temporary construction jobs.

Project Benefit to the Taxpayer: The use of this reservoir as a salmon rearing and acclimation site for the Chetco River Fishery enhances the salmon fishery for the Chetco River and provides valuable resources for regional commercial and recreational fishing.

Agency (see below): Bureau of Reclamation

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): WRR

FY 2010 Funding: -0

FY 2011 President Budget Request Level: -0

Member's FY 2011 Funding Request: \$256,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private

Company): Local Government

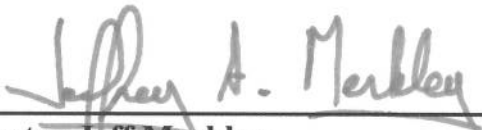
Number of Jobs Created: Unable to determine. Will help sustain jobs in tourism and fishing implements industries.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Mt. Hood Community College Living Building Lab

Project Recipient Name: Mt. Hood Community College

Phone Number: 503-491-7213

Address: 26000 SE Stark St, Gresham, OR 97030

Project Location (if different from above): N/A

Project Purpose: The proposed Living Building Lab (LBL) at MHCC will create a space to train future green building professionals. MHCC currently hosts several programs in the green industry, but does not have a dedicated space in which to continue training new green professionals in the installation and use of green technologies. The idea of the LBL is to build a fully self sufficient classroom that not only demonstrates that buildings can be green, but also serves as a living laboratory in which to train future green professionals. The building will capture, filter and use rain water for all its water needs. It will produce all of its electricity through solar and wind power. It will use the latest technologies in insulation and energy efficiency, far exceeding all LEED certification levels. By leaving many of the key technologies (e.g. PV cells, rain catchment, insulation) exposed to students, MHCC will be able to provide them the opportunity to “tune” the building for current usage. In addition, this building will allow students to easily monitor energy and water consumption to validate energy usage models. This building could serve as a model for future efforts in expanding capacity while building green, as well as a model for cutting-edge pedagogy/space integration in green building curriculums.

Project Benefit to the Taxpayer: With the rise in unemployment nationally, job creation is at the top of everyone’s agenda. Community-based training organizations, community colleges, unions, business leaders, local officials and leading technical assistance and research organizations need to be at the forefront of the creative solution to job creation. As a community college, our mission is to advocate for public policies that invest in the skills of America’s workers, so they can better support their families and help American businesses compete more effectively in today’s economy. The living building lab will do just that. By equipping future green professionals with the latest education and technology, we enable Oregon to continue its tradition of progressive and innovative transportation and economic projects. This project will directly impact the lives and communities we all live in. This investment is crucial, not just for East Multnomah County, but for Oregonian across the state.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$591,750

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): University

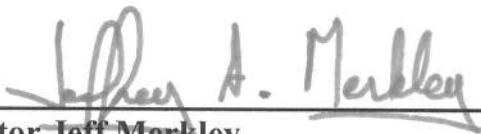
Number of Jobs Created: Funds an additional half position at Mt. Hood CC but supports job creation, training and retraining for dislocated workers in the green industry.

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Beaver Creek Culvert Replacement Project

Project Recipient Name: Multnomah County (Karen Schilling)

Phone Number: 503-988-5050 x29635

Address: 1600 N.E. 190th Avenue; Portland, Oregon 97233

Project Location (if different from above): Three locations along the lower reach of Beaver Creek at S.E. Troutdale Road, S.E. Stark Street and Cochran Road within the City of Troutdale, Multnomah County Oregon.

Project Purpose: The project area is located along the lower three miles of Beaver Creek within the City of Troutdale. The lower reach of Beaver Creek is critical habitat to federally endangered species, including Lower Columbia River Chinook Salmon and Steelhead Trout, and candidate species including Lower Columbia River Coho Salmon. The project will replace three culverts along Beaver Creek in the City of Troutdale, which will correct environmental degradation created by culverts that have been deemed by the Army Corps of Engineers to be fish passage barriers to upstream habitat. The project includes: restoring natural substrate under bridges and culverts; stabilizing stream bed to ensure no head-cutting occurs; removing non-native exotic plant species and replanting with native species along bank; and, enhancing a forested wetland adjacent to the Stark Street crossing by removing non-native species with native species. This would improve habitat for many wildlife species including neotropical migratory birds that use riparian habitat for nesting and cover, small mammals that use riparian areas as migration corridors, and native amphibians and reptiles that use wetland habitats. Replacing the culverts allows constructing segments of Troutdale Road, Cochran Road and Stark Street to modern, urban standards. Currently these roads are two lane roads without sidewalks, drainage, bicycle lanes and turn lanes, amenities commonly found on urban roadways. Each road serves a local school, and constructing sidewalks and bike lanes improves safe access per the federal Safe Routes to Schools Program. These roads also provide an important function in accommodating growth within the urban area at the rural fringe. An additional benefit that will be derived from the culvert replacement is better stream hydraulics (i.e. increased flow capacity and storm flow detention). The existing undersized culverts have previously been blocked with debris flow and have resulted in stream flow backup ultimately creating roadway flooding.

Project Benefit to the Taxpayer: Replacing the Beaver Creek Culverts addresses two problems. First, it will correct an environmental concern by removing barriers to fish passage and opening 4.6 miles of waterway to fish passage. Second, replacing the culverts will allow Multnomah

County to make necessary roadway improvements to Stark Street and Troutdale Road as identified in the Regional Transportation Plan and Multnomah County's Capital Improvement Plan and Program. Stark Street is currently a two lane road planned for four travel lanes with sidewalks and bicycle lanes and a center turn lane/median. Troutdale Road is currently a two lane road planned for two travel lanes plus sidewalks, bicycle lanes. Each road serves schools, and constructing sidewalks and bike lanes improves safe access. The roadway improvements will contribute to regional mobility. Lastly, improvement of the stream will directly enable better storm flow management and reduce the potential for stream blockage (debris) that can result in roadway flooding and road closure, typically very costly to the community.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Continuing Authorities Program (CAP)

FY 2010 Funding: Project was listed in Section 206 of the U.S Army Corps of Engineers (Corps) in the FY2010 Energy & Water Appropriations Bills.

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$5,000,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

Number of Jobs Created: 98 construction jobs

New Study or Construction Start (Y/N): Yes



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending item(s) that I have requested, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate for the following bill(s): Energy and Water Development Appropriation

FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Willamette River Environmental Dredging, Section 312
(Lower Willamette Ecosystem Restoration, GI)

Project Recipient Name: City of Portland/Port of Portland

Phone Number: 503-832-4130

Address: City Hall, 1221 SW 4th Ave, Room 410, Portland, Oregon 97204

Project Location (if different from above):

Project Purpose: The City and Port have been working closely with the Corps of Engineers to develop a critical project to pursue ecological restoration and, potentially, sediment clean-up in the Lower Willamette. At the City's request, the Corps has broadened its existing environmental dredging feasibility study to encompass the City's ecological restoration objectives. The City and Port agreed to become the sponsors of this broadly scoped project with considerable local investment. These funds will ultimately enable the City and Port to make substantial improvements in the ecological functioning of the Lower Willamette and will have enormous environmental and economic benefits for the Lower Willamette region.

Project Benefit to the Taxpayer: The project is aimed at evaluating and implementing a diverse array of cost-shared projects that will create high quality fish and wildlife habitat in the Lower Willamette River. These activities will help meet the ecological needs of native species, within the context of an urbanized area with a prosperous working harbor and vibrant waterfront districts and neighborhoods. While the Lower Willamette River will not be restored to the ecological status of 100 years ago, significant improvements can be achieved for fish and wildlife habitat, human uses, and aesthetics through careful planning and project implementation. Those improvements will help support continued economic use of the Portland Harbor and help create more regulatory certainty for businesses and local citizens, while at the same time contributing to important national objectives like Superfund, the Endangered Species Act and the Clean Water Act. This project will also address whether the Corps' environmental dredging authority can be applied to the clean-up of contaminated sediment in the Lower Willamette. The Corps of Engineers has used this authority to assist with the clean-up of other industrial rivers, and the 1999 Water Resources Development Act identified the Willamette River as a priority site for the use of the authority.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): General Investigations

FY 2010 Funding: \$381,000

FY 2011 President Budget Request Level: \$220,000

Member's FY 2011 Funding Request: \$220,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local government/Port

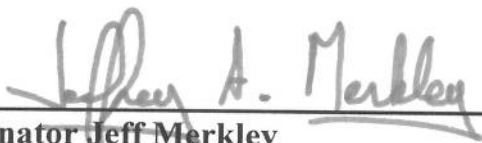
Number of Jobs Created: 12-13 FTE planning and investigative jobs during the 3 year life of this feasibility study.

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Oregon Sustainability Center

Project Recipient Name: City of Portland, Oregon

Phone Number: 503-823-4130

Address: City Hall, 1221 SW 4th Ave, Room 410, Portland, Oregon 97204

Project Location (if different from above): SW Montgomery/SW 4th Avenue, Portland, OR

Project Purpose: The Oregon Sustainability Center will be the first high-density, urban building to achieve triple net zero performance, serving as a living laboratory for the research, development and launch of sustainable solutions, and as a convener of people, ideas, and education focused on sustainability. The 220,000 square foot building will include classroom, conference, research and exhibit space, and will be home to leading environmental and sustainable development organizations of all sectors, providing opportunity for collaboration and innovation. When constructed, the Center aspires to achieve triple net-zero performance, producing 100% of its energy through renewable resources and capturing and treating all water on-site. To achieve the net-zero water goals, all water flowing through the Center will be recirculated, used, or treated on site. The roofs and canopies of the Center will funnel rain water into a 200,000-gallon storage tank in the basement, enough to provide for the building throughout the dry season. Treated graywater will replace potable water in most systems in the building including flushing toilets, irrigation, or cooling mechanical equipment. By accomplishing these challenging goals, this next-generation building offers significant opportunities for private industries to commercialize new products and technologies that are designed to advance sustainable water management. The Center will spark environmental, economic and social change, altering the way we use resources and interact with the built environment and shaping urban design in a carbon-controlled and water constrained reality. As cities and nations seek to curb emissions and conserve water, this building will be the prototype.

Project Benefit to the Taxpayer: The purpose of the Center—the vision of a unique partnership across City and State government, higher education, nonprofit organizations, and the business community—is to help secure the United State’s status as the global leader in green building, clean technology, and environmental stewardship.

By achieving its net-zero water goals the Center realigns how people use water and redefines “waste” in the building environment so that water is respected as a precious resource. Given the scarcity of clean potable water in regions throughout the world, the Center’s use of this natural

resource sets a standard for future projects to follow, driving the market for sustainable products and technologies.

Construction of the Center would generate a total economic output of \$168.6 million, including \$69 million in wages. Construction of the Center itself would create 1,390 jobs (1,336 FTE). Following completion, the Center, its educational facilities, and over 700 occupants will help create immediate and long-term jobs through training and education of the next generation green workforce and the innovation, research, development and commercialization of new sustainable products and strategies.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Science

FY 2010 Funding: None

FY 2011 President Budget Request Level: None

Member's FY 2011 Funding Request: \$2,000,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local government (in partnership with State, higher education system, non profits, and private entities.)

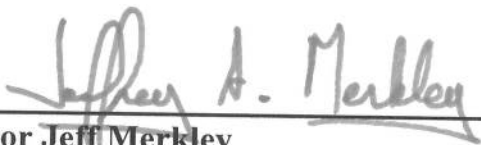
Number of Jobs Created: 1,390

New Study or Construction Start (Y/N): Y



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Springwater/Johnson Creek Restoration

Project Recipient Name: City of Gresham, Oregon

Phone Number: 503-793-5023

Address: 1333 NW Eastman Parkway., Gresham, Oregon 97030

Project Location (if different from above): This overall project will address the impaired water quality and natural resource functions of Johnson Creek within the Springwater Industrial Area of Gresham, OR. Although this improvement project will take place in Gresham, Johnson Creek flows westward from Gresham through Portland and Milwaukie to its confluence with the Willamette River, a major tributary of the Columbia River. Any improvements made upstream will have affects downstream.

Project Purpose: This project will allow significant new job creation to occur while fulfilling federal requirements for stormwater management and clean water. Specifically, this request is to fund the Springwater Industrial Area/Johnson Creek Water Quality Improvements project Phase I Feasibility Study in Gresham. Phase I consists of a suite of restoration projects designed to address the impaired water quality and natural resource functions of Johnson Creek within the Springwater Industrial Area. This project is a cost-effective improvement within an area slated for industrial development in the near term and will help leverage private development by proactively addressing important stream corridor needs. The Springwater Industrial Area is planned to provide 18,000 jobs at build-out. The City of Gresham believes now is an opportune time to initiate restoration in the upper Johnson Creek basin as 1,600 acres of rural and agricultural land in the upper watershed are slated for urbanization as part of the Springwater Industrial Area Urban Growth Boundary (UGB) expansion. The components of this project include floodplain reconnection/wetland restoration and riparian restoration.

Project Benefit to the Taxpayer: The Springwater Industrial Area is planned to provide 18,000 jobs at build-out. This project is a cost-effective improvement within an area slated for industrial development in the near-term and will help leverage private development by proactively addressing important stream corridor needs while simultaneously creating jobs. Industrial development would not have to bear the costs of these needed stream improvements if Gresham receives these federal funds, making the area more attractive for near-term development investments and job creation.

Agency (see below): Army Corps of Engineers

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): Investigations or General Construction

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$200,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Municipality

Number of Jobs Created: The Springwater Industrial Area is slated to provide 18,000 jobs at build-out. Please see above for further details.

New Study or Construction Start (Y/N): Yes.



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: OHSU District Energy Feasibility Study

Project Recipient Name: Oregon Health & Science University (OHSU)

Phone Number: 202-256-5070

Address: 3181 SW Sam Jackson Park Road, Portland, Oregon 97219

Project Location (if different from above): Study Area:

SW Moody Ave between SW Sheridan Street and SW Bancroft Street
Portland, Oregon 97239

Project Purpose: OHSU, in partnership with the Portland Development Commission (PDC) and the Portland Oregon Sustainability Institute (PoSI), is engaged in high-level planning for a district energy system that will serve OHSU's new Schnitzer Campus and adjacent properties in Portland's South Waterfront District. OHSU's Schnitzer Campus master plan anticipates a future medical and life sciences campus with over two million square feet of new academic and research buildings, including its first building, OUS/OHSU Life Science Collaborative Complex, set to break ground in 2011. Adjacent property owners are planning several million additional square feet of commercial development over the next two decades. As transportation improvements to South Waterfront streets (due to Milwaukie Light Rail extension) are scheduled to occur in Spring 2011, now is the most opportune time to plan infrastructure and sustainability improvements that will serve development in the entire district and can be phased with new projects as they come on line. This request will fund a feasibility study and design of a district energy system to serve the South Waterfront District. According to the International District Energy Association, district energy systems generate their own electricity to produce steam, hot water or chilled water at a central plant. The steam or water is then piped underground to individual buildings for space heating, domestic hot water heating and air conditioning. As a result, individual buildings served by a district energy system don't need their own boilers or furnaces, chillers or air conditioners. Aggregating the thermal requirements of different buildings allow district energy systems to enjoy economies of scale and operational benefits such as using industrial grade equipment, alternative fuel technologies that would otherwise not be economically or technically feasible for individual buildings, and reduced capital cost to individual building development. District energy systems improve energy efficiency, enhance environmental protection through reduced greenhouse gases, and are more reliable providers of energy.

Project Benefit to the Taxpayer: If the feasibility study determines district energy is a viable

solution for the South Waterfront, Portland and Oregon's taxpayers would benefit through the creation of construction, design and engineering jobs associated with the construction of and capital investment in a district energy system in the South Waterfront district. With a low range of \$15 million to fund the capital cost of a district energy system, the project would create 315 jobs, of which 107 jobs would be direct construction jobs in Oregon. Federal funding of this study is also a valuable use of taxpayer funds as energy conservation and protection of the environment are important policy goals. District energy projects are cost effective and environmentally friendly. Portland and Oregon taxpayers would benefit from district energy's reduced impact on the environment. District energy systems reduce greenhouse gases and are much more efficient than long-distance energy distribution.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$540,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): University

Number of Jobs Created: Should the feasibility study determine district energy is a viable solution for the South Waterfront of Portland, the project would create 315 jobs, of which 107 jobs would be direct construction jobs in Oregon.

New Study or Construction Start (Y/N): Yes.



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Oregon MOVES: Mobilizing Oregonians through Vehicle Electrification Systems

Project Recipient Name: Portland State University

Phone Number: 503-725-9818

Address: P.O. Box 751, Portland, Oregon 97203

Project Location (if different from above): Same

Project Purpose: The Oregon MOVES project at PSU will establish a living laboratory to study and advance transportation electrification in the urban environment to help mitigate pollution, congestion, and dependence on foreign oil. The project will provide the nation with a systematic way of encouraging and field testing innovative, green transportation products and services in a real world setting and in a way that evaluates not only the new technology and supporting infrastructure, but also the social innovation required for successful adoption. Moving the country away from dependence on fossil fuels toward environmentally friendly solutions requires efforts such as:

- Evaluating Driver Responses to EV using GPS Working with Toyota and Nissan as they launch Portland-based pilot programs, GPS technology will test the notion of range anxiety and examine how EV infrastructure informs vehicle operation and possible ownership.
- Adapting Policy Environments to Facilitate New Vehicle Technology Examine and propose necessary changes to maximize the benefits of EV s including zoning and building codes, state regulations regarding electricity sales, and the creation of new types of transportation infrastructure like “electric boulevards.”
- Electrification of Urban Freight Mobility Assist the city and county in meeting climate change policy goals by examining the impact of freight emissions and identifying electrification opportunities for manufacturers and shippers.
- Sustainability Mobility Index Establish instruments to determine the capacity for sustainability mobility, identify benchmarks and performance measures, and track progress of sustainability mobility aspirations over time.
- Demographic Changes and New Vehicle Technology Examine transportation preferences and mobility values of differing generations in urban, suburban, and rural communities to inform future infrastructure expectations and needs.

Project Benefit to the Taxpayer:

With Oregonians spending approximately \$12 billion annually purchasing fossil fuels and the growing desire to move toward energy independence, there is no question that transportation electrification will play a key role in meeting climate goals and capitalizing on one of the greatest economic growth and job creation opportunities of the next decade.

Oregon has secured a national leadership position in both the readiness for the adoption of electric vehicle technology and the creation of electric vehicle industries and businesses. Oregon is home to dozens of companies that are designing, building and providing services for the electric vehicle industry, including vehicle manufacturing. In order to realize the potential for transportation electrification and further Oregon's prominence in this field, it is critical to put programs in place to gauge and condition the market, and prepare the workforce of the future.

Agency (see below): Department of Energy

Program Account Name and sub account if applicable (examples: ACOE – General Investigations, Construction, General, Operations and Maintenance; DOE-science, energy supply, weapons): EERE

FY 2010 Funding: N/A

FY 2011 President Budget Request Level: N/A

Member's FY 2011 Funding Request: \$1,500,000

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): University

Number of Jobs Created: The Oregon MOVES budget will provide resources for 10 new research positions. When the project on second life uses for expended batteries is successfully commercialized, it should provide an ongoing base of at least 100-150 jobs in successful companies. Activities associated with the projects - especially with the installation of charging stations and instrumentation activities will provide another 10-15 skilled trades jobs.

New Study or Construction Start (Y/N): Y

Ron Wyden

Senator Ron Wyden

3-25-10

Jeffrey A. Merkley

Senator Jeff Merkley

3-25-10

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FY 2011 Energy and Water Development Subcommittee Appropriations Bill

REQUEST FORM

Members: Senators Ron Wyden and Jeff Merkley

Member Staff Contact: Isaiah Akin – Wyden (4-5244) and Courtney Thompson – Merkley (4-3753)

Project Name: Troutdale Wastewater Wind/Hydrogen Project - Troutdale Wastewater Facility

Project Recipient Name: City of Troutdale - D&B: 01--073-4994

Phone Number: 503-880-5760

Address: 104 SE Kibling, Troutdale, Oregon 97060

Project Location (if different from above): City of Troutdale Wastewater Treatment Facility, 1820 NW Graham Road, Troutdale, Oregon 97060

Project Purpose: The funds will be spent on ground preparation and construction of the foundation, erection of wind turbine poles, installation of electrical wiring and interconnection, plumbing and hydrogen interconnection, storage facility and pad for hydrogen system ordering of the turbines and hydrogen system, final completion of turbine install and commissioning. The project goal is to reduce the \$100,000 electrical energy bill facing the City of Troutdale every year, as well as achieving Green Energy Tag sales, hydrogen sold for commercial use, hydrogen for transportation, hydrogen research and education, and the enhancement of the wastewater facility through the introduction of pure oxygen into the wastewater aeration process.

Project Benefit to the Taxpayer: An American project, utilizing American products, keeping tax payer money in America and hiring local Americans. The project will create over 400 jobs and 20,000 hours of work with a projected 100 permanent jobs. The project will train and educate a future labor force by joint partnering with local colleges and schools developing hydrogen research, fuel cell research, and hydrogen fuel station pumping. The project is estimating a 5 to 7 year return on investment (ROI) with 1,700 megawatt-hours (MWh) of electricity produced annually, offsetting approximately 1,330 tons (2,660,000 pounds) of greenhouse gas emissions every year, moving the City of Troutdale and America closer to energy independence. This is equivalent to burning about 137,000 gallons less gasoline or planting about 46,000 trees per year.

Agency: Department of Energy

Program Account Name and sub account if applicable: EERE

FY 2010 Funding: \$0

FY 2011 President Budget Request Level: \$0

Member's FY 2011 Funding Request: \$1,980,500

Type of Entity (Federal, State, or Local Government, University, Not-for-Profit, or Private Company): Local Government

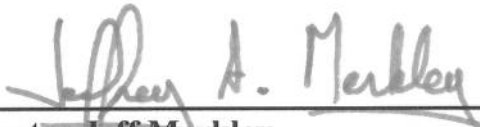
Number of Jobs Created: 400

New Study or Construction Start (Y/N): N



Senator Ron Wyden

3-25-10



Senator Jeff Merkley

3-25-10

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